

Protection-free Strategy for the Synthesis of Boro-depsipeptides in Aqueous Media under Microwave-assisted Conditions

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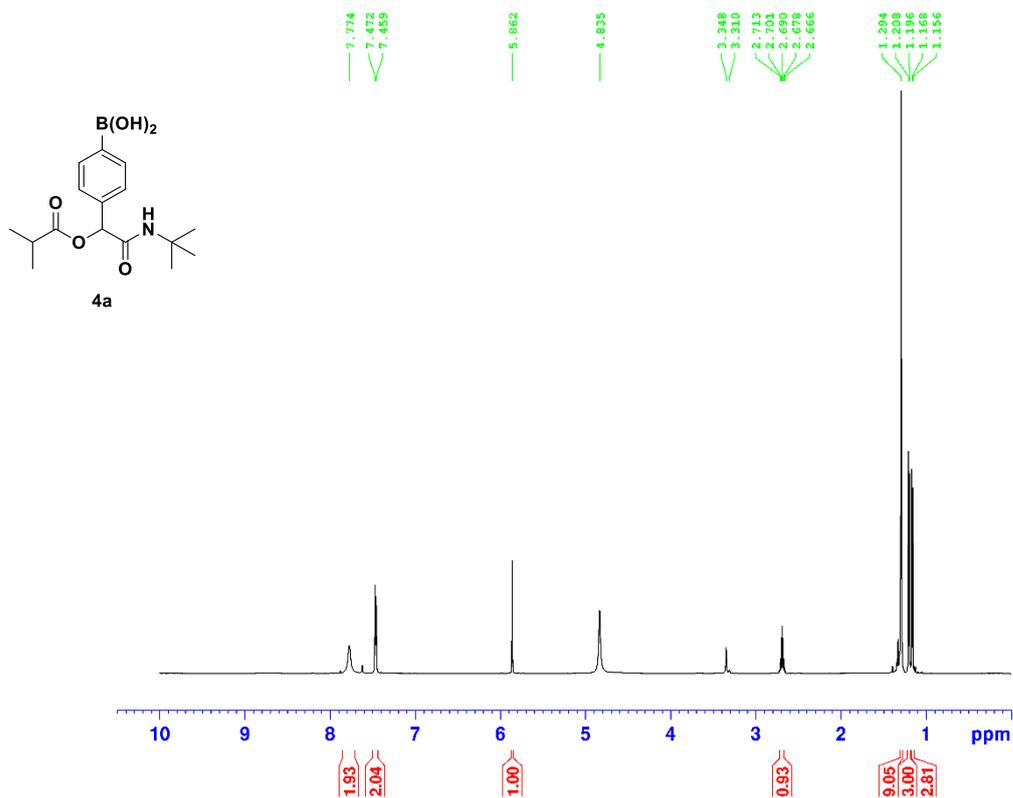


Figure S1. The ^1H NMR spectrum of **4a** in CD_3OD

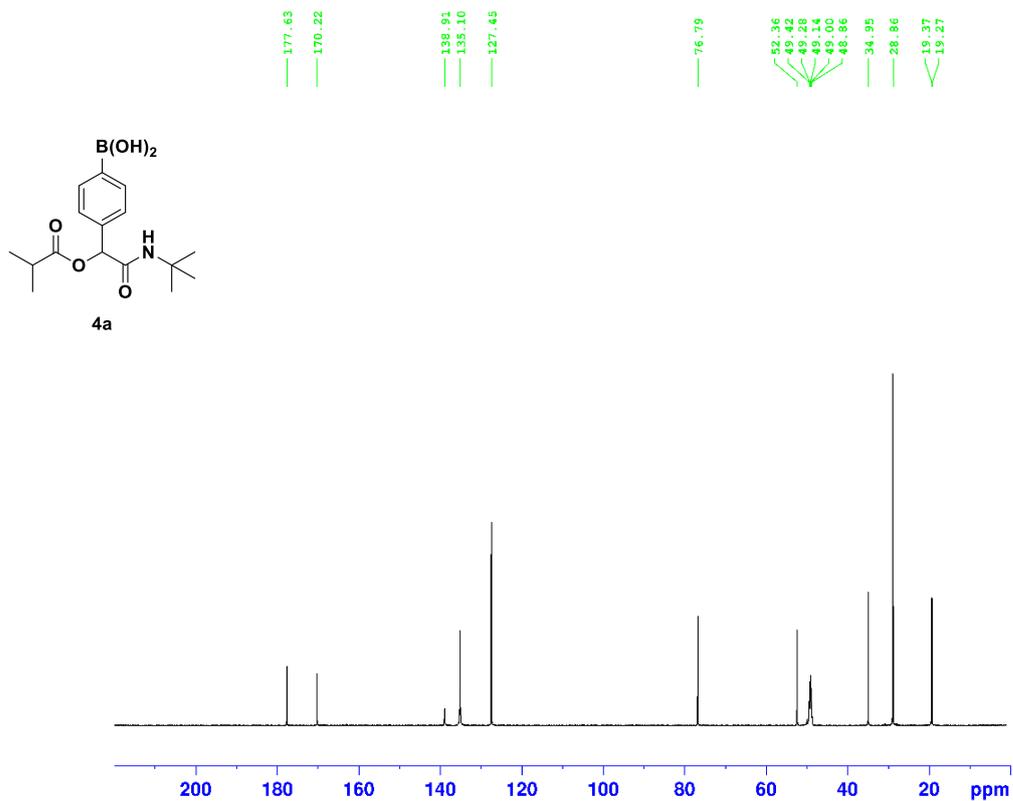


Figure S2. The ^{13}C NMR spectrum of **4a** in CD_3OD

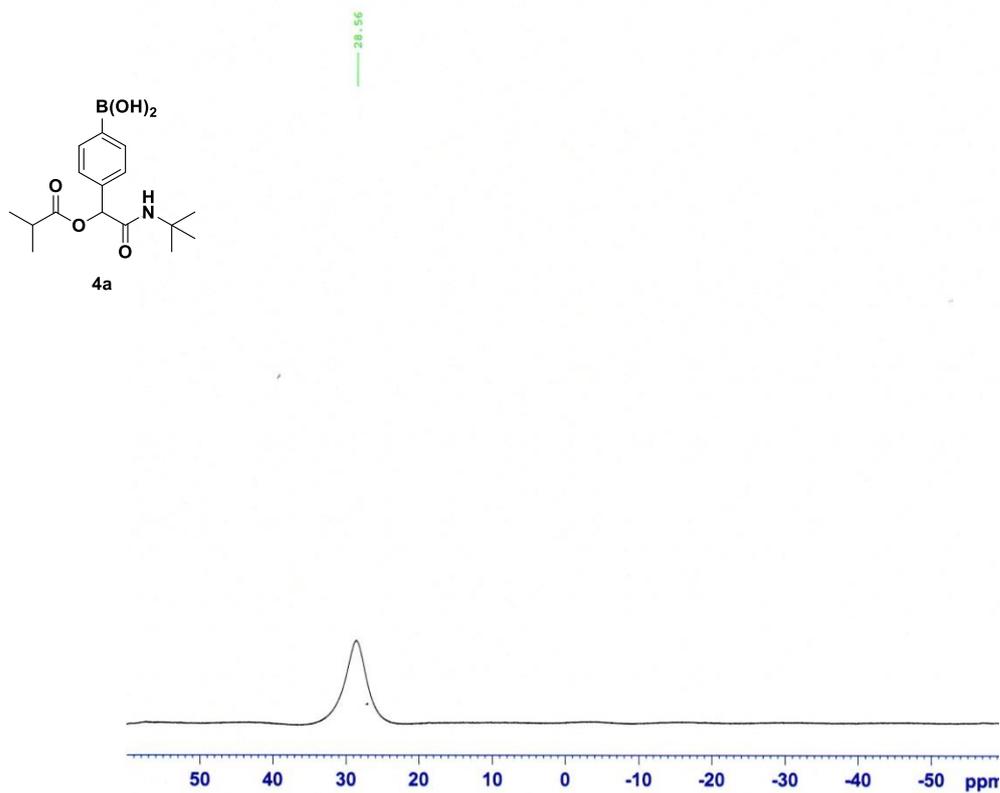


Figure S3. The ^{11}B NMR spectrum of **4a** in CD_3OD

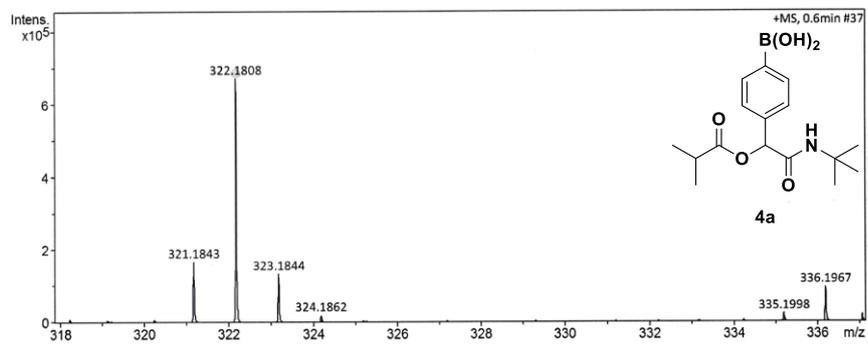


Figure S4. The HRMS (ESI⁺) of spectrum of **4a**

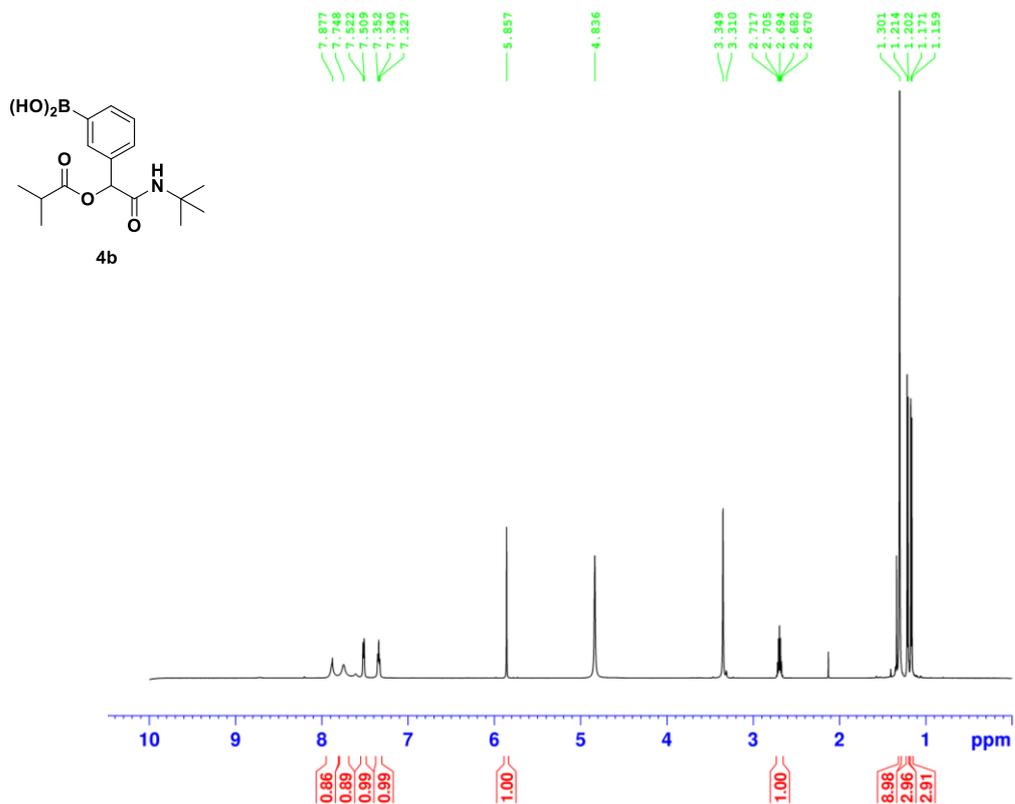


Figure S5. The ^1H NMR spectrum of **4b** in CD_3OD

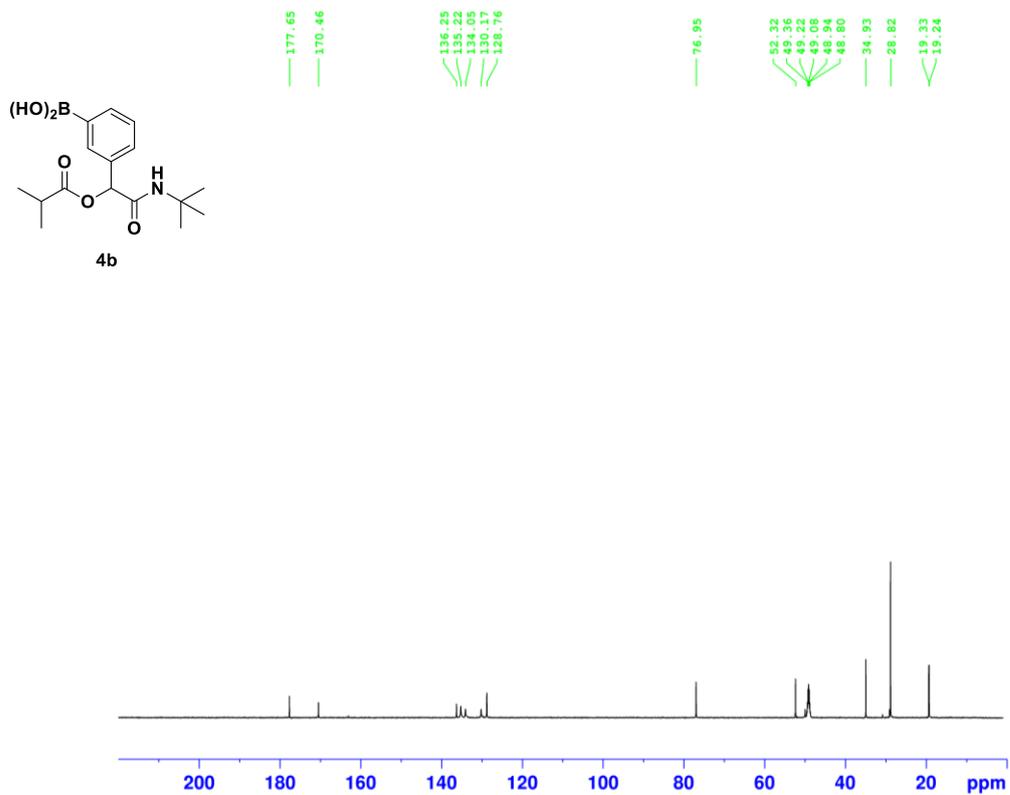


Figure S6. The ^{13}C NMR spectrum of **4b** in CD_3OD

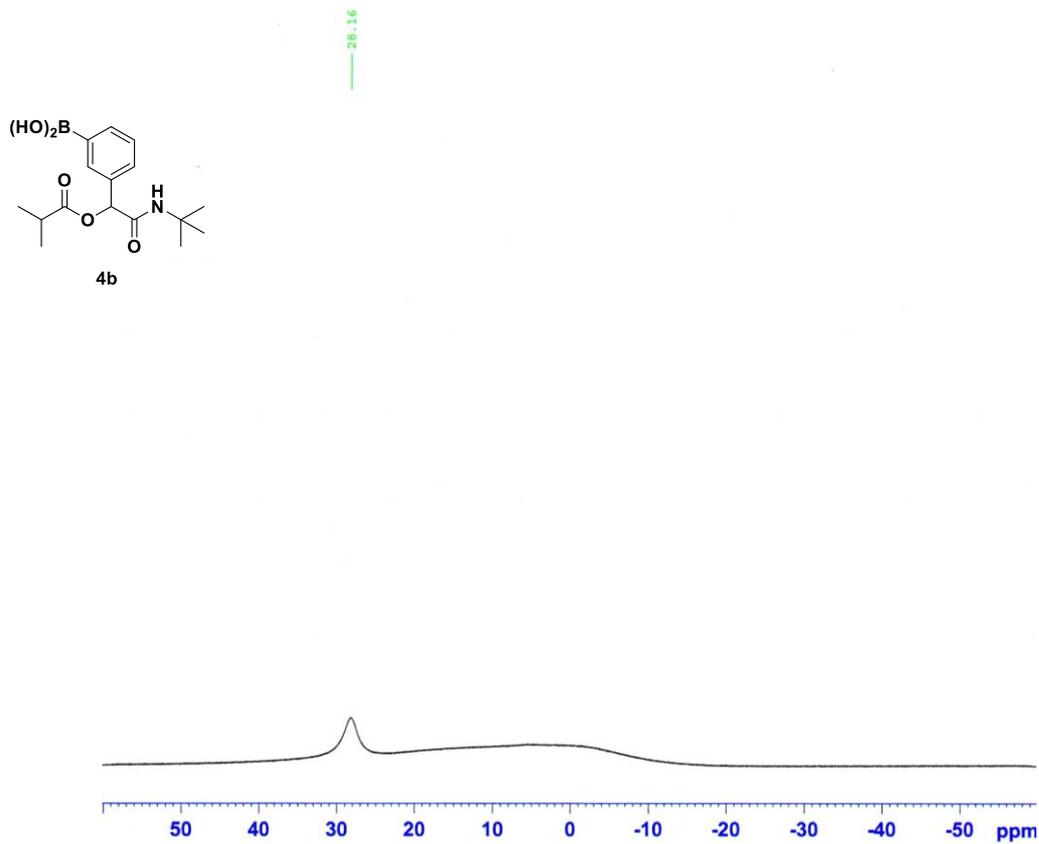


Figure S7. The ¹¹B NMR spectrum of **4b** in CD₃OD

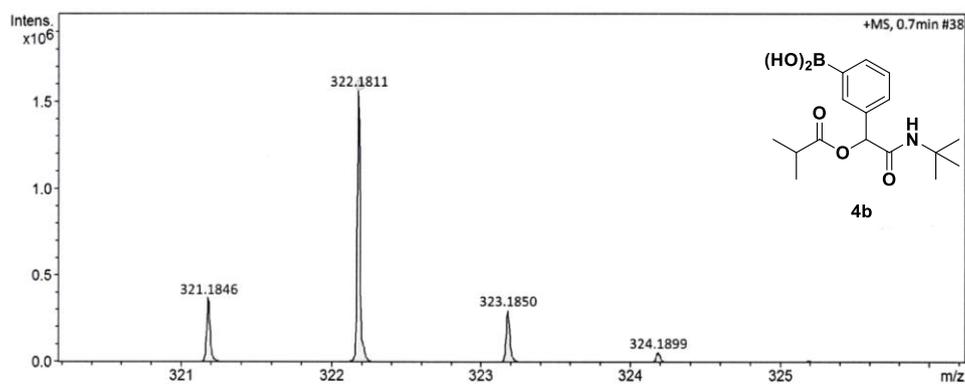


Figure S8. The HRMS (ESI⁺) of spectrum of **4b**

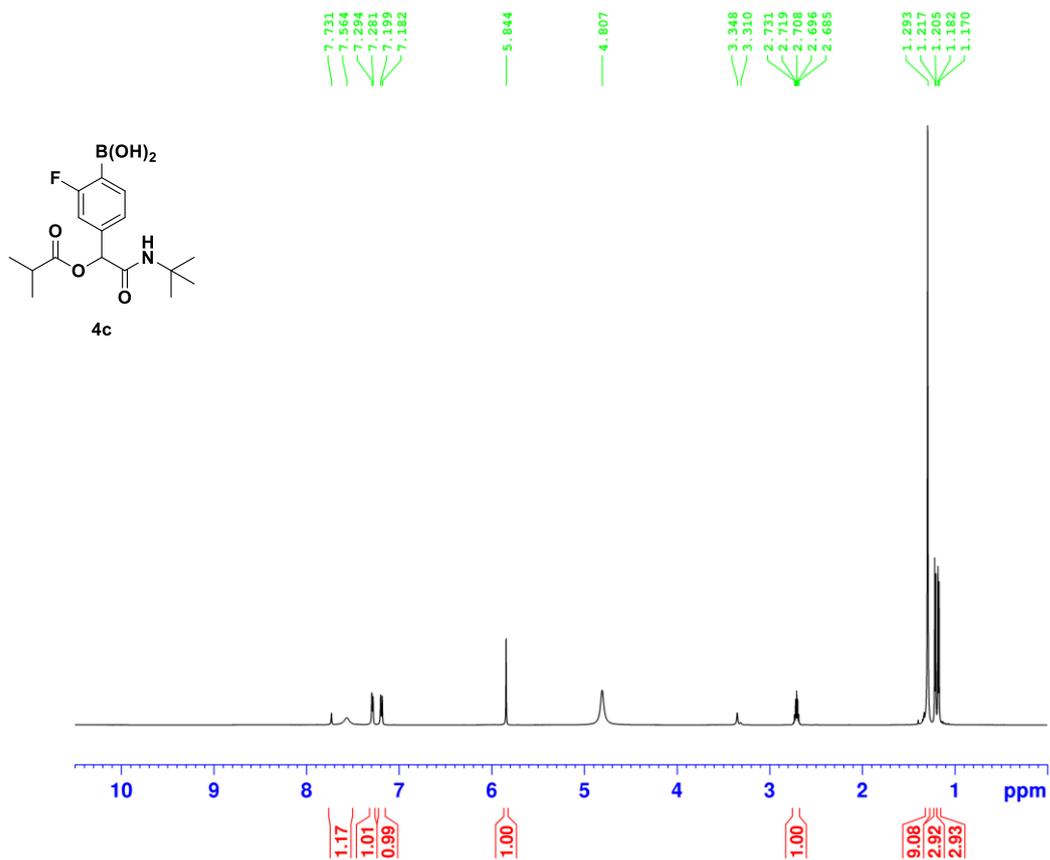


Figure S9. The ¹H NMR spectrum of **4c** in CD₃OD

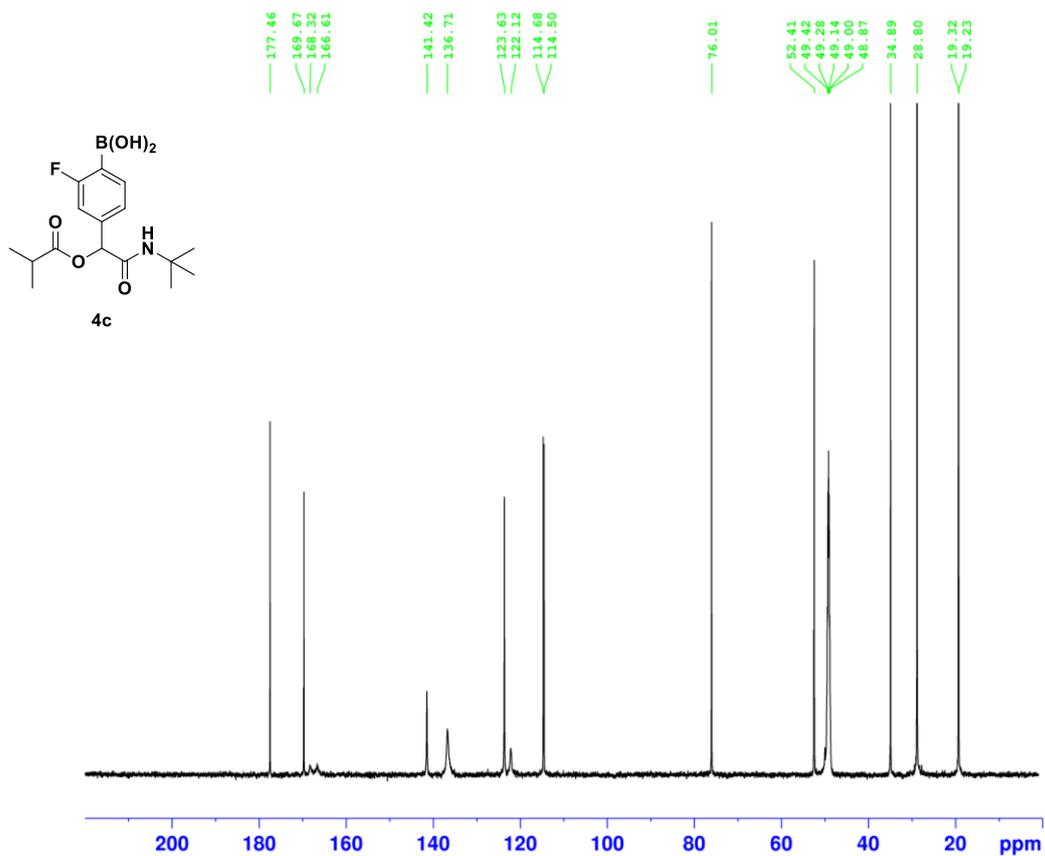


Figure S10. The ¹³C NMR spectrum of **4c** in CD₃OD

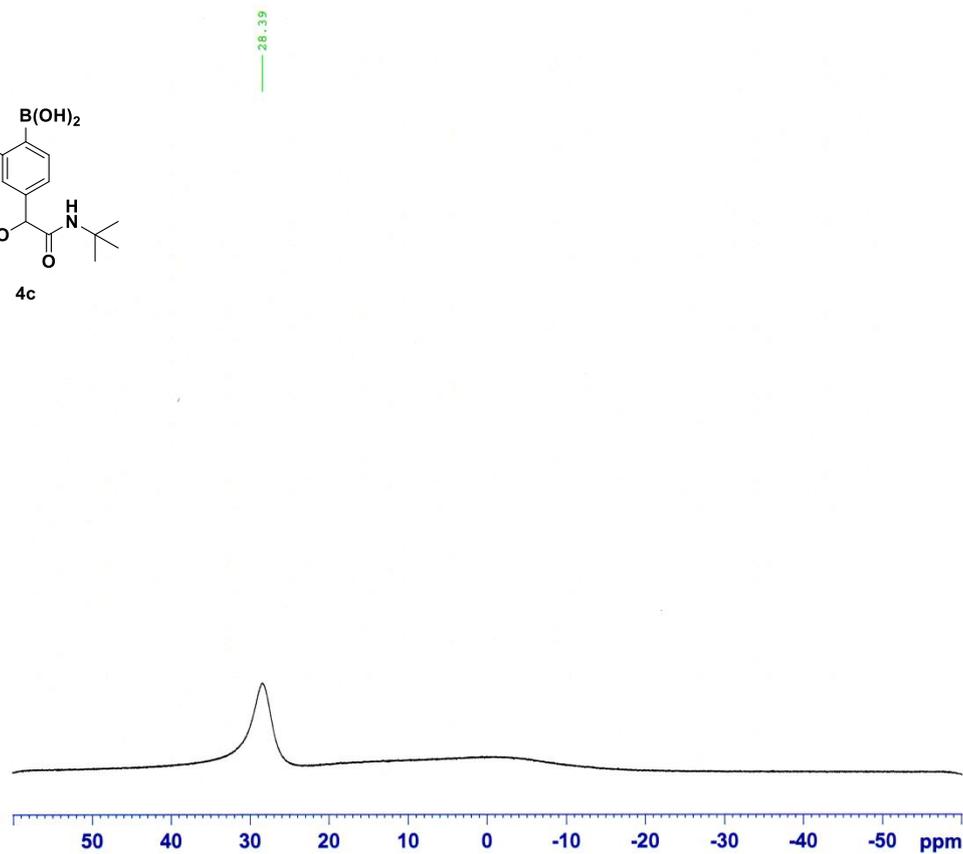
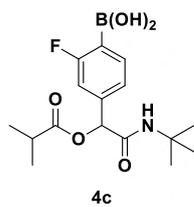


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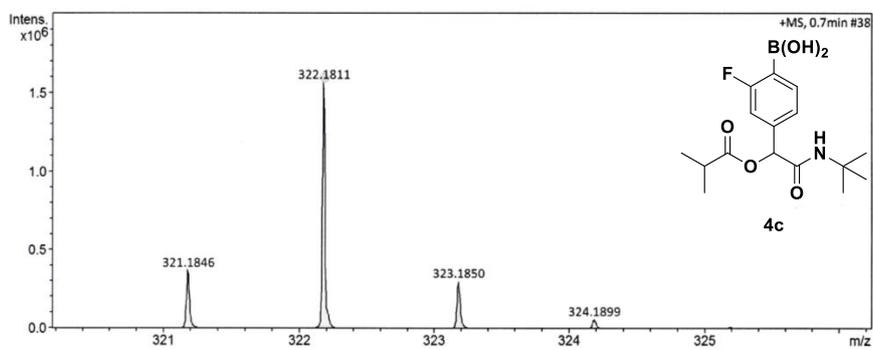
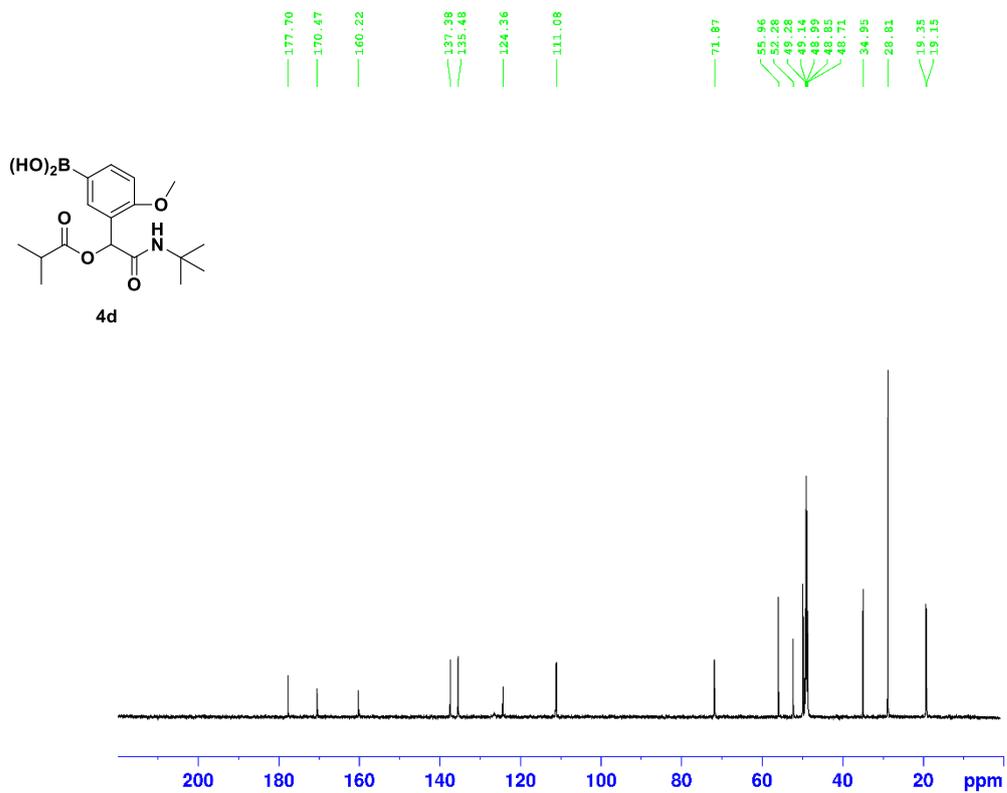
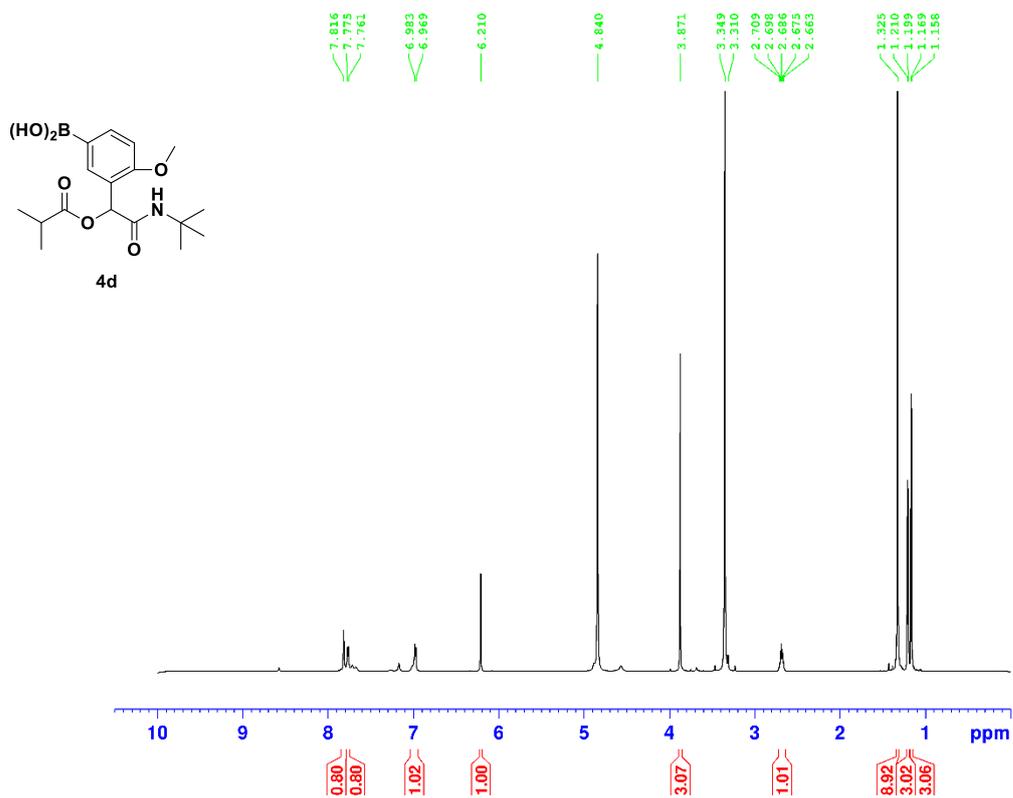


Figure S12. The HRMS (ESI^+) of spectrum of **4c**



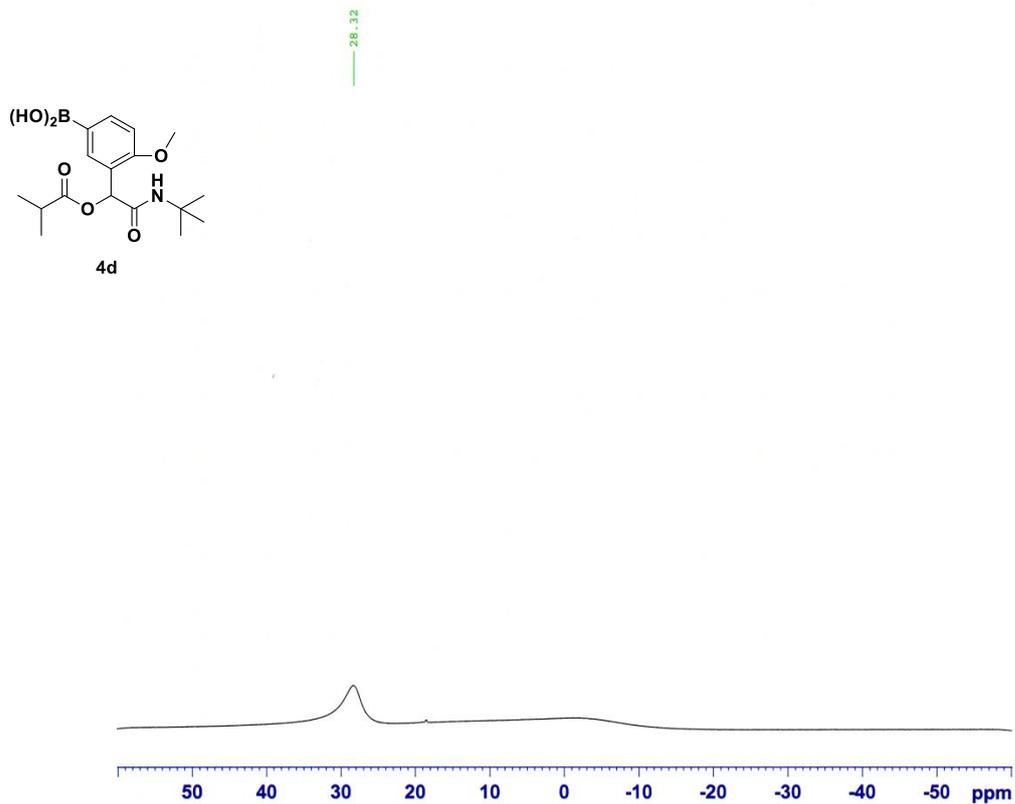


Figure S15. The ^{11}B NMR spectrum of **4d** in CD_3OD

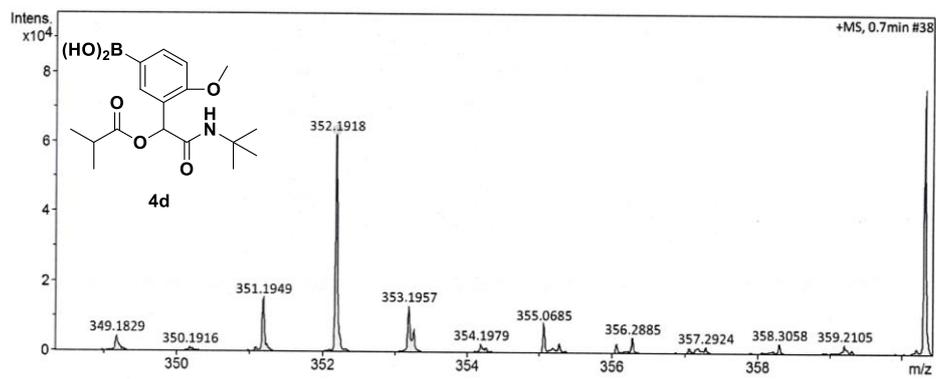


Figure S16. The HRMS (ESI⁺) of spectrum of **4d**

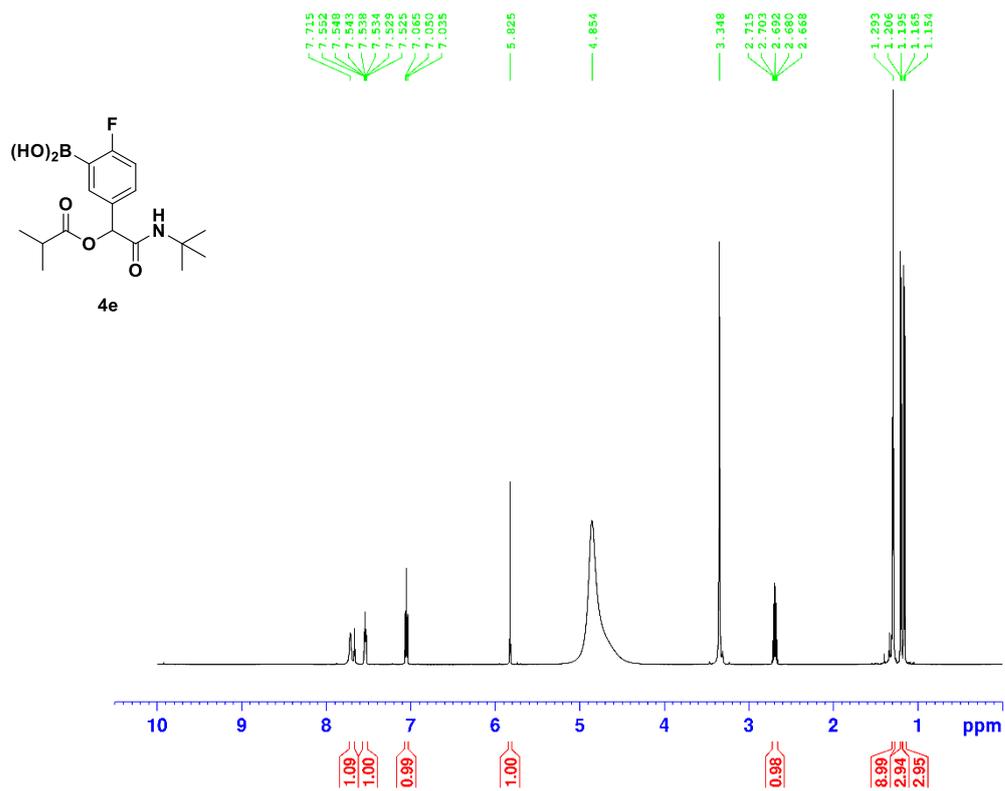


Figure S17. The ¹H NMR spectrum of 4e in CD₃OD

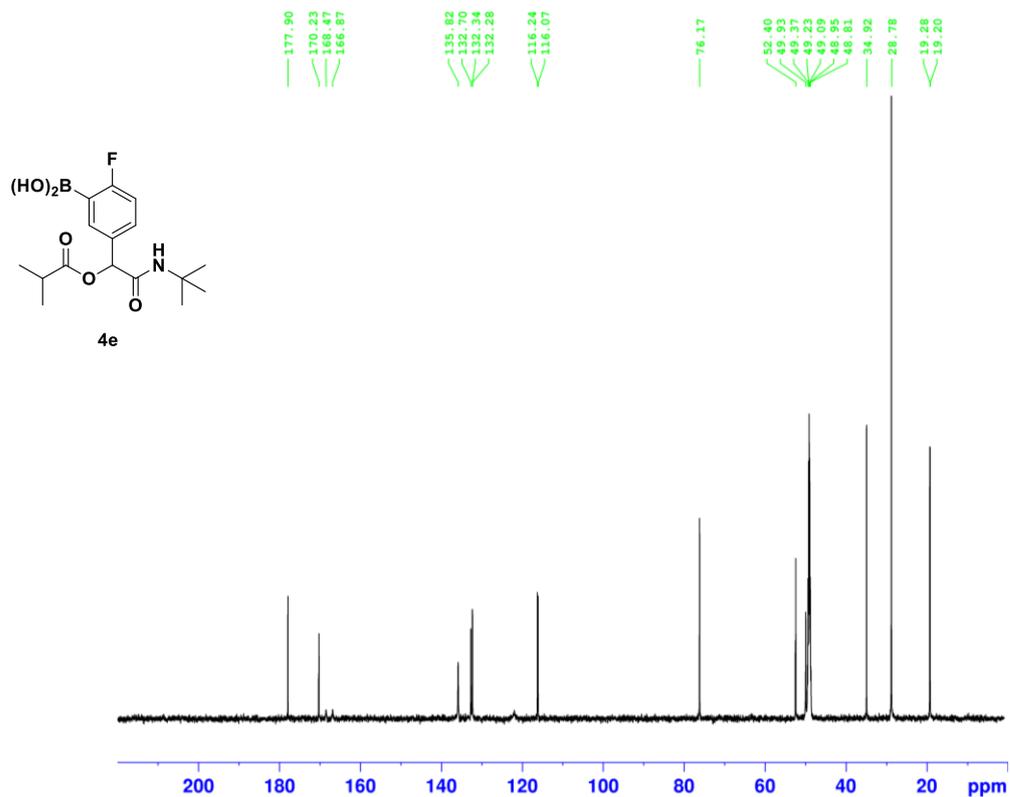


Figure S18. The ¹³C NMR spectrum of 4e in CD₃OD

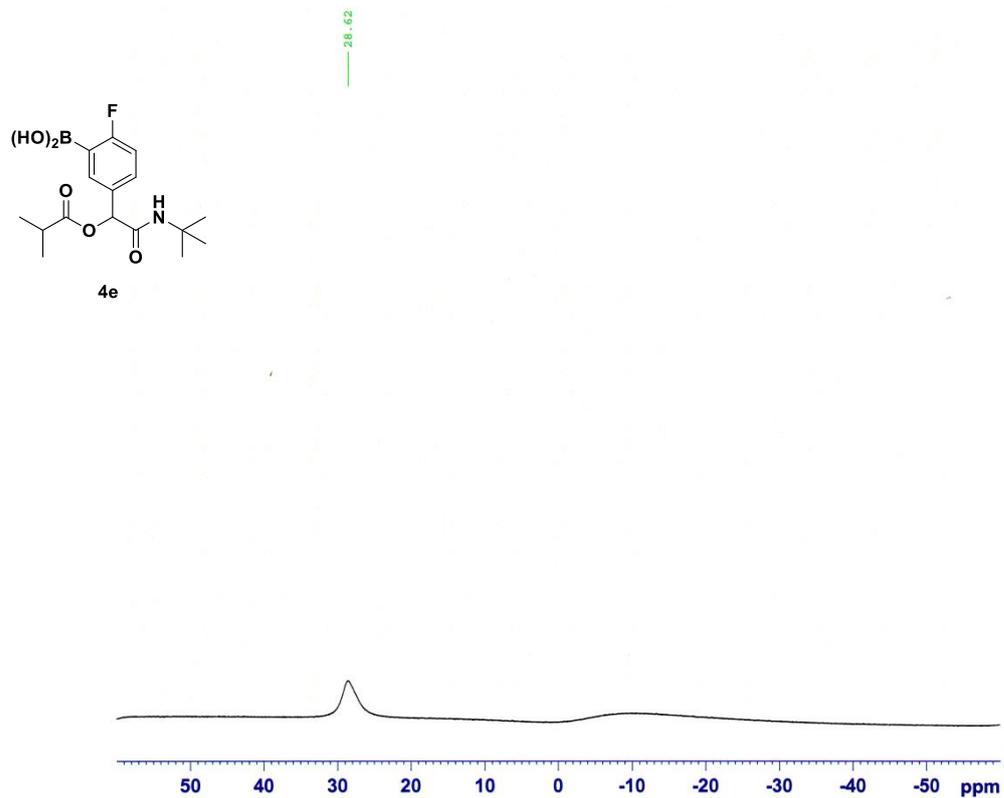


Figure S19. The ^{11}B NMR spectrum of **4e** in CD_3OD

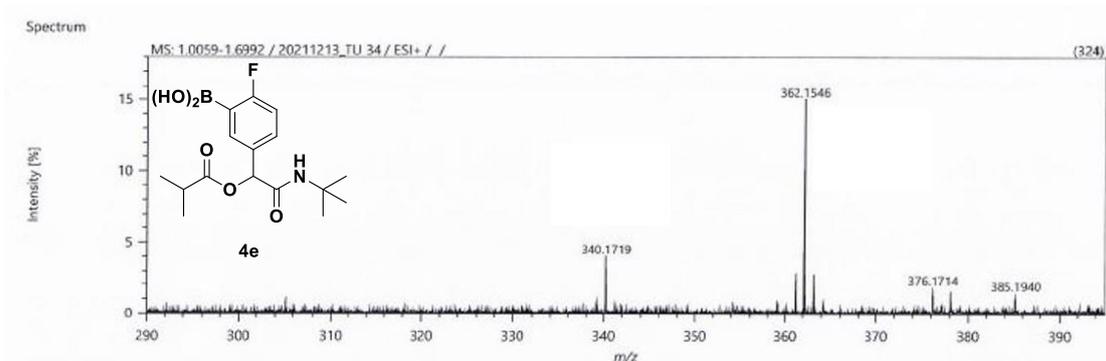


Figure S20. The HRMS (ESI⁺) of spectrum of **4e**

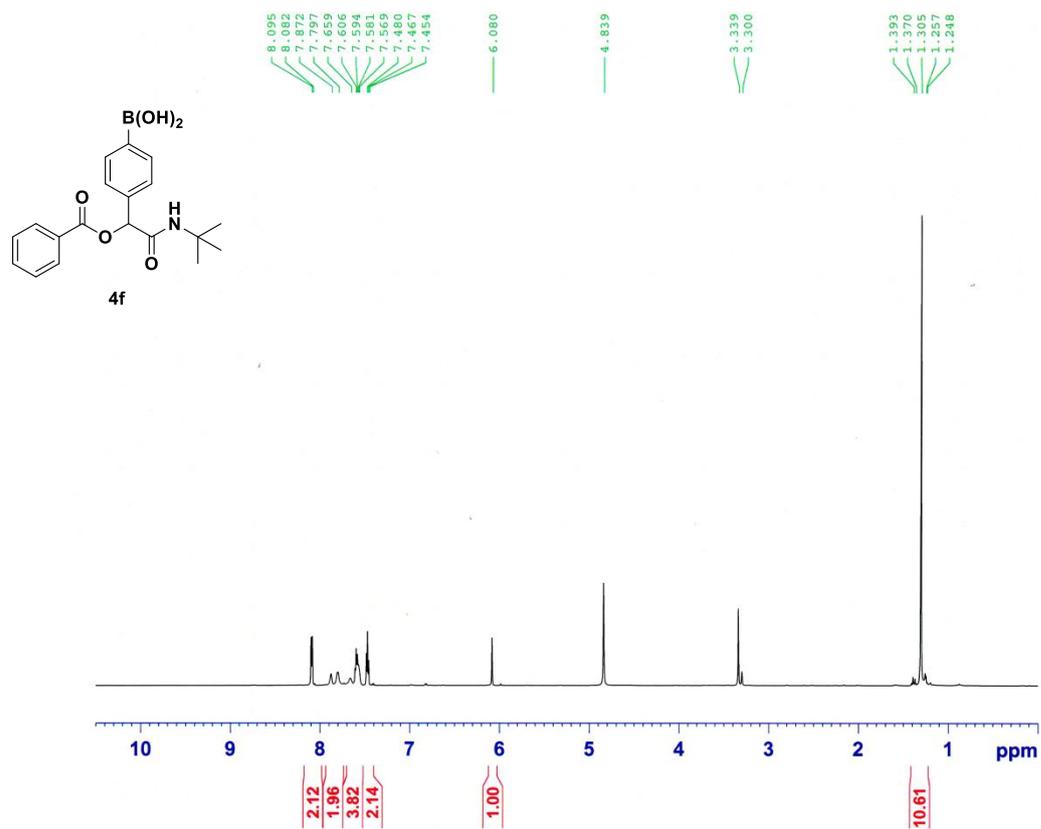


Figure S21. The ^1H NMR spectrum of **4f** in CD_3OD

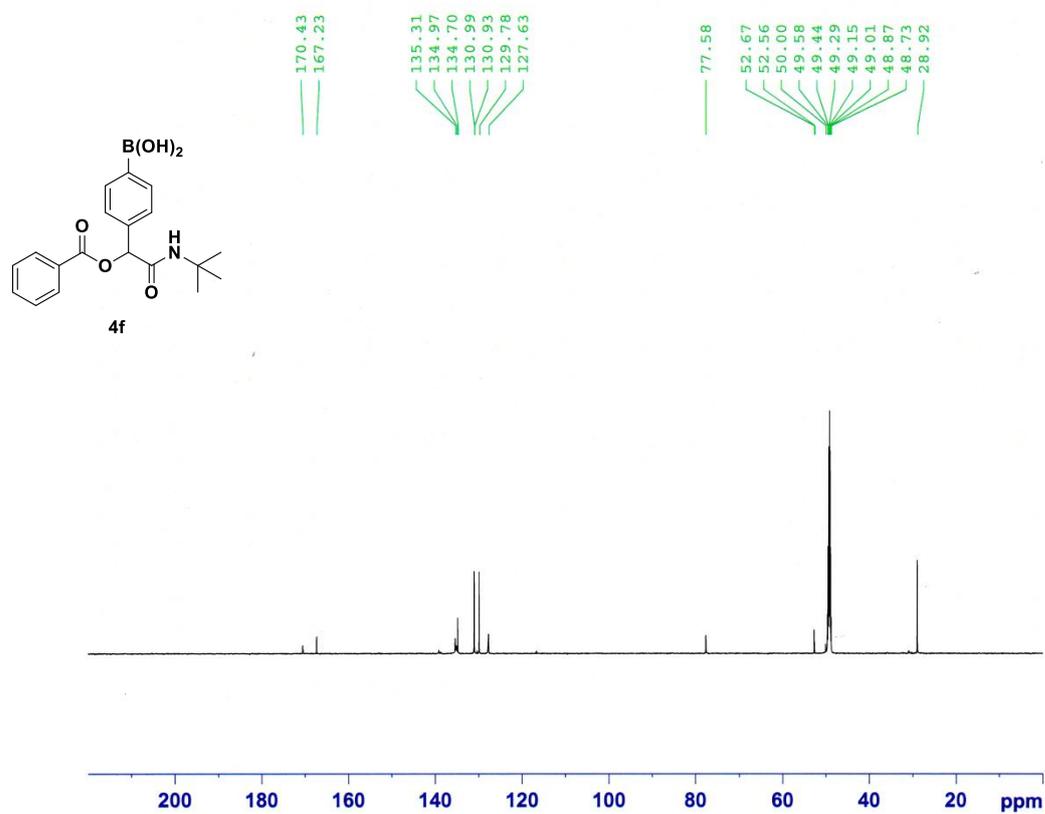


Figure S22. The ^{13}C NMR spectrum of **4f** in CD_3OD

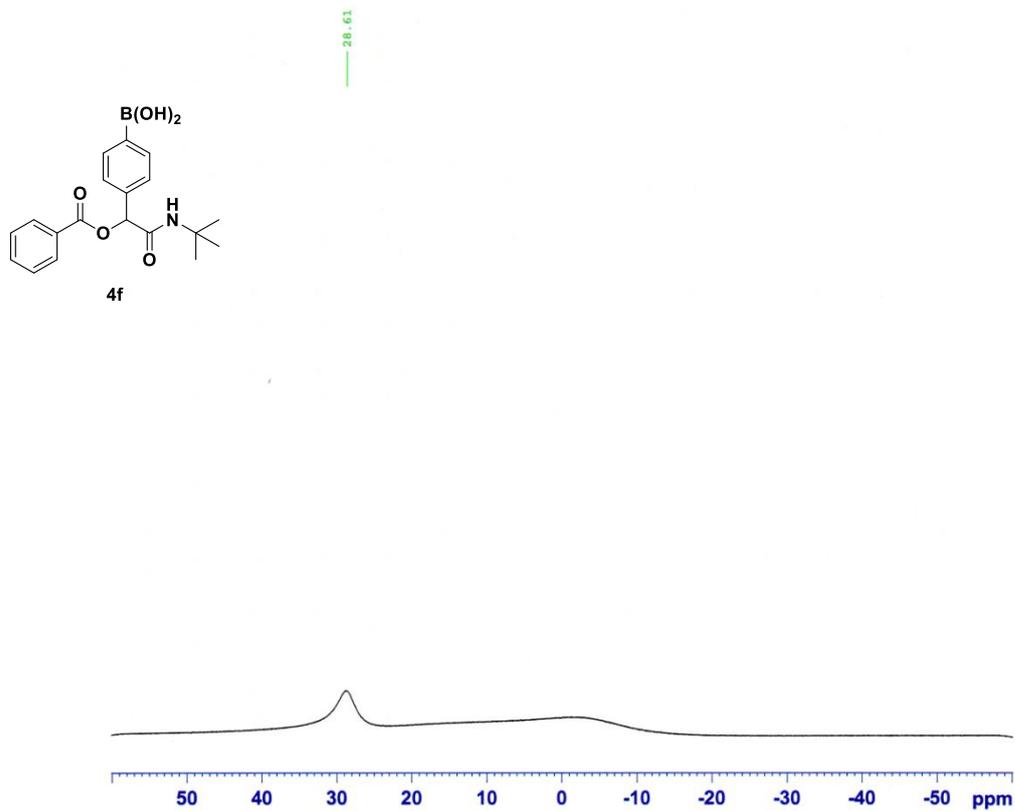


Figure S23. The ^{11}B NMR spectrum of **4f** in CD_3OD

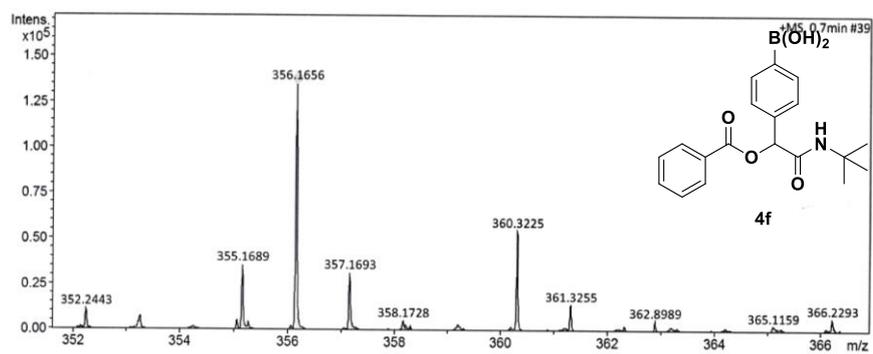


Figure S24. The HRMS (ESI⁺) of spectrum of **4f**

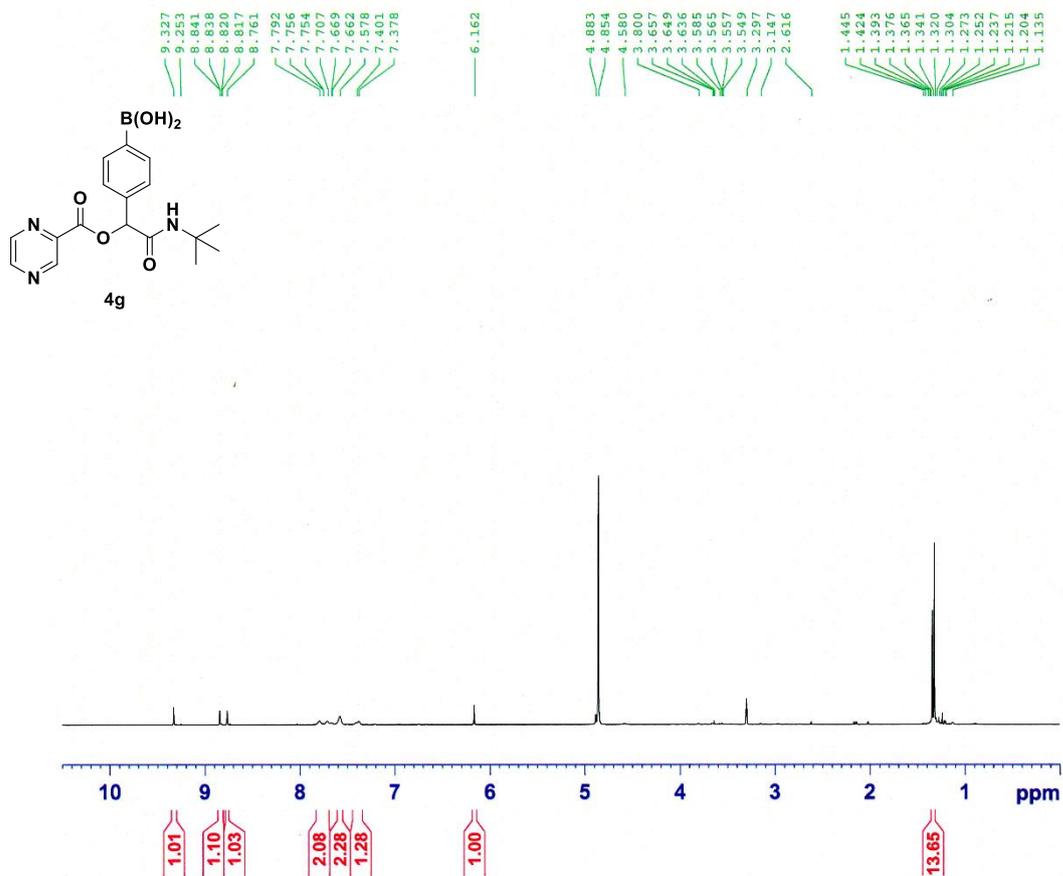


Figure S25. The ¹H NMR spectrum of **4g** in CD₃OD

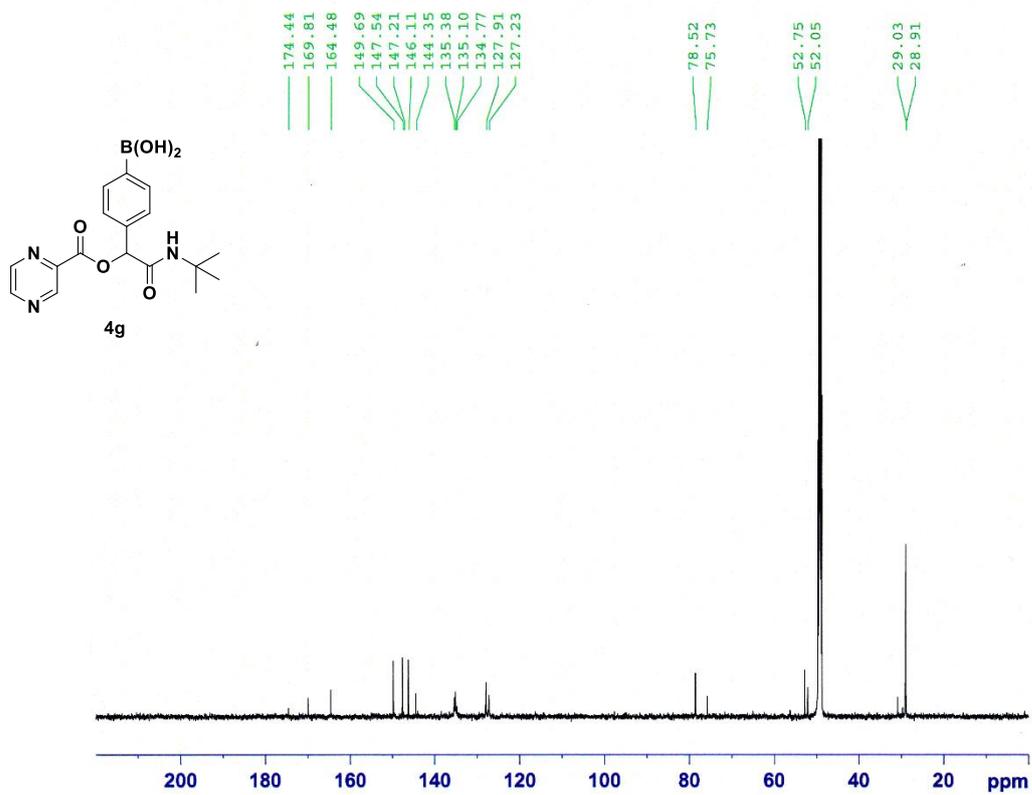


Figure S26. The ¹³C NMR spectrum of **4g** in CD₃OD

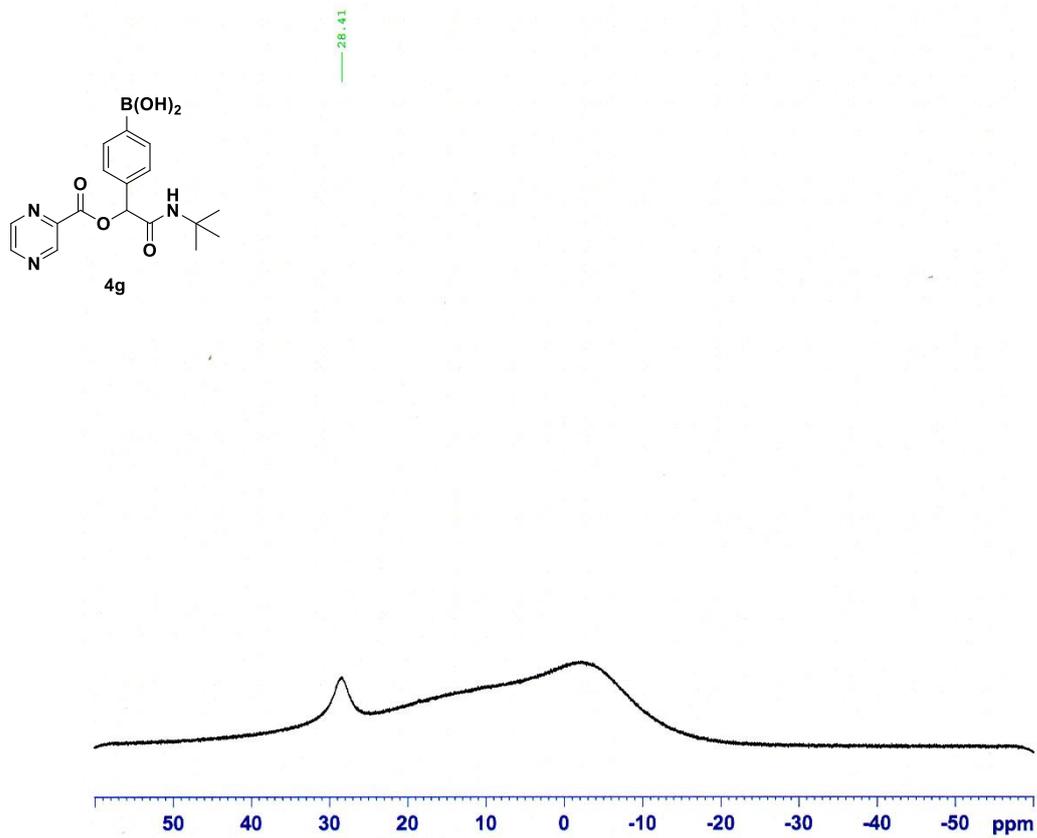


Figure S27. The ^{11}B NMR spectrum of **4g** in CD_3OD

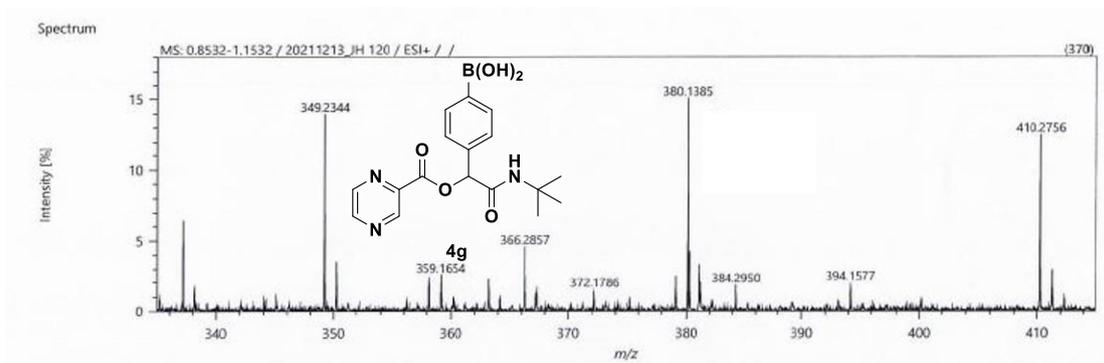


Figure S28. The HRMS (ESI⁺) of spectrum of **4g**

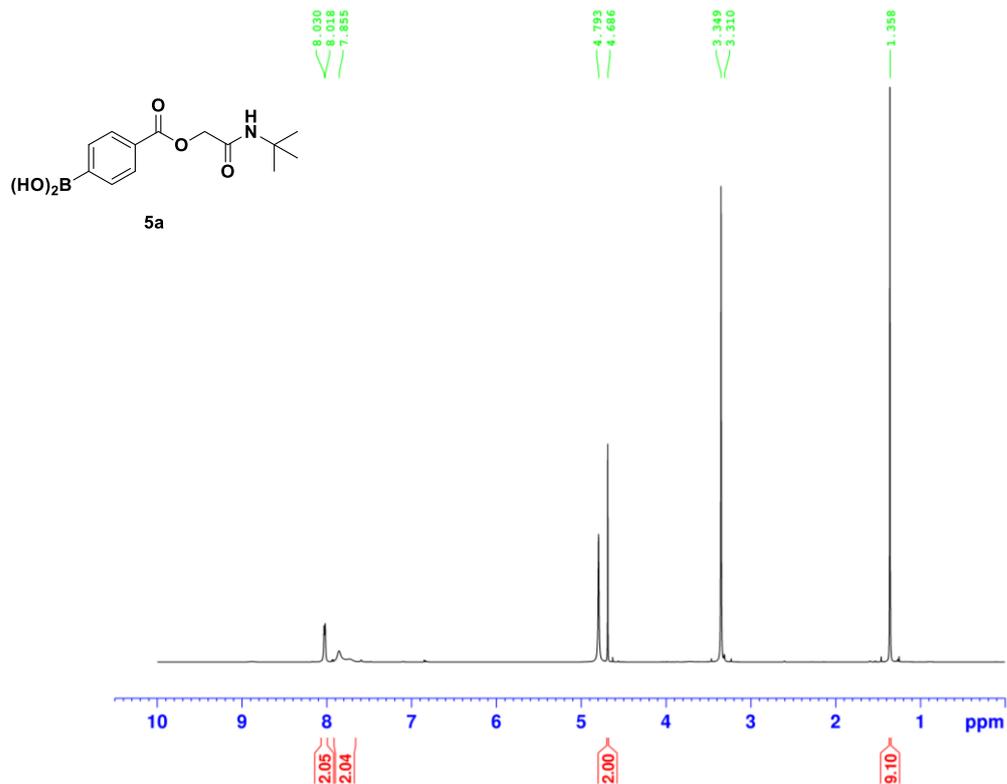


Figure S29. The ¹H NMR spectrum of 5a in CD₃OD

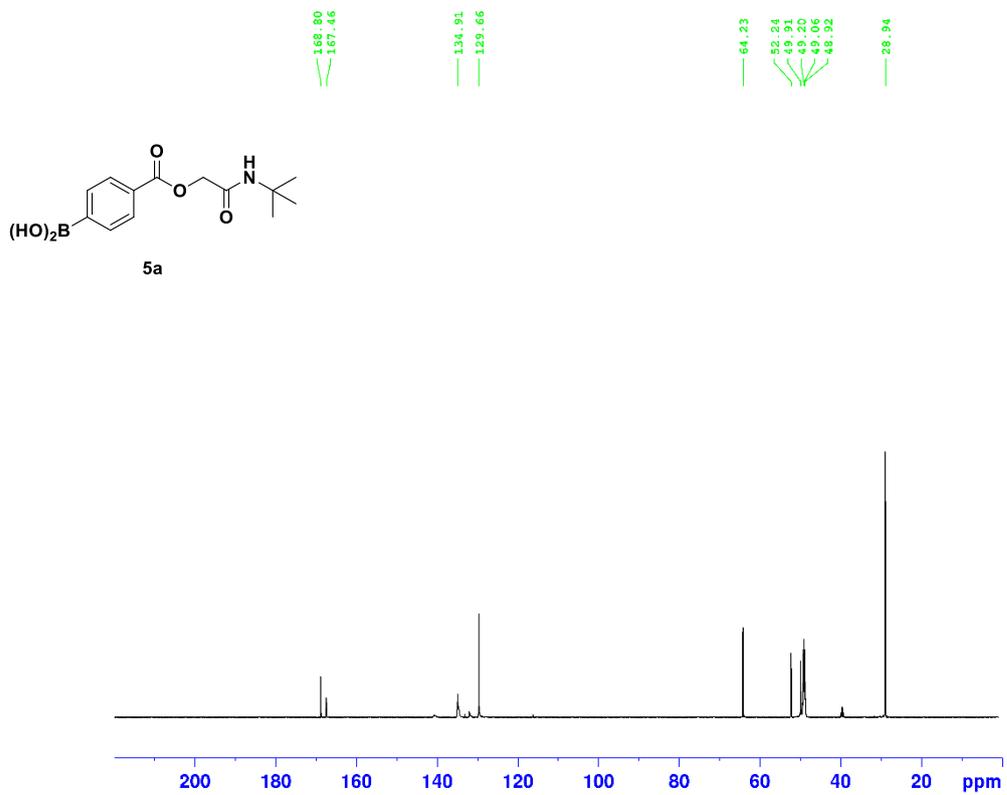


Figure S30. The ¹³C NMR spectrum of 5a in CD₃OD

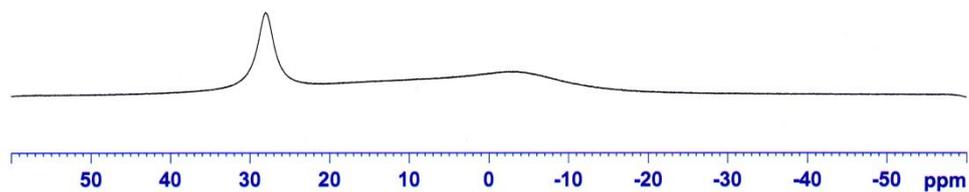
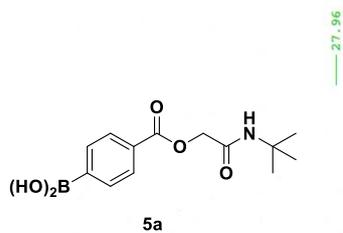


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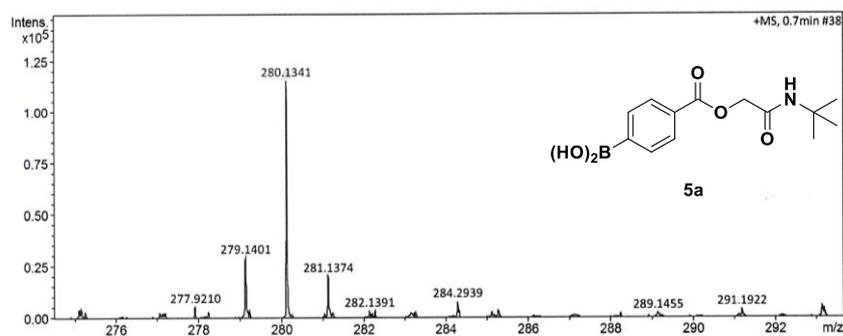


Figure S32. The HRMS (ESI^+) of spectrum of 5a

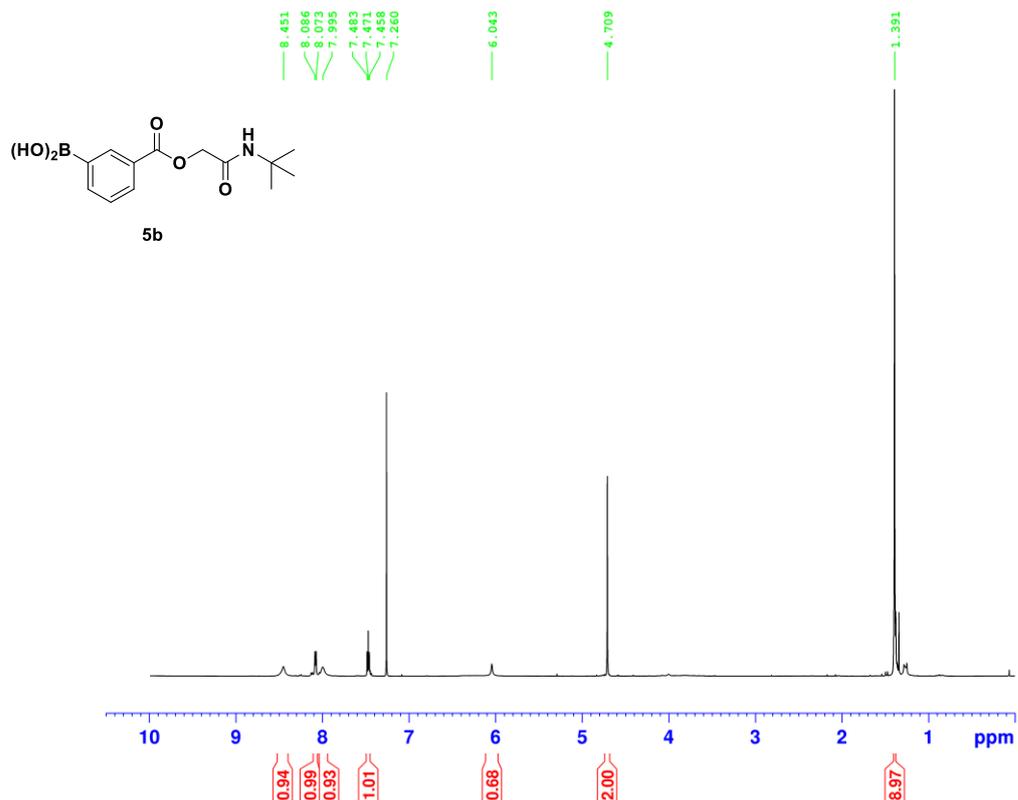


Figure S33. The ¹H NMR spectrum of **5b** in CD₃OD

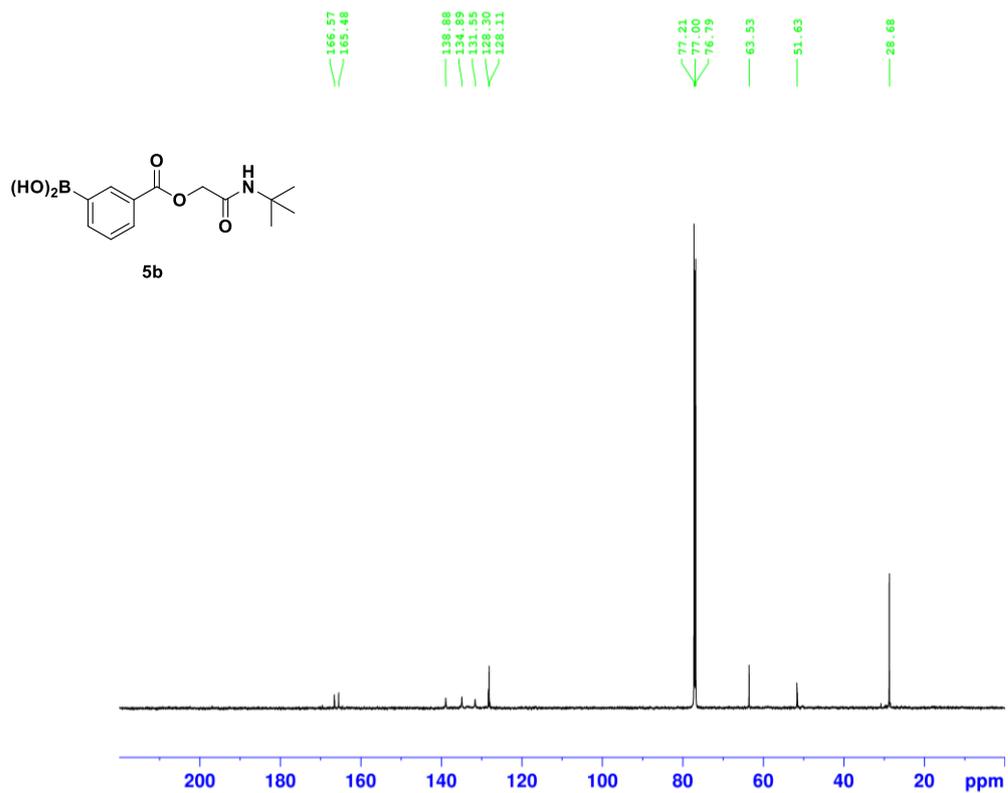


Figure S34. The ¹³C NMR spectrum of **5b** in CD₃OD

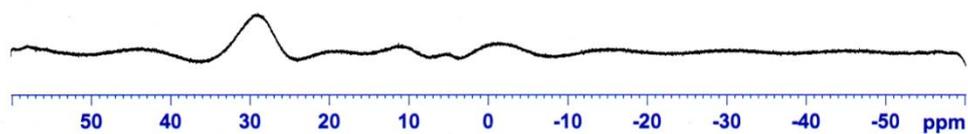
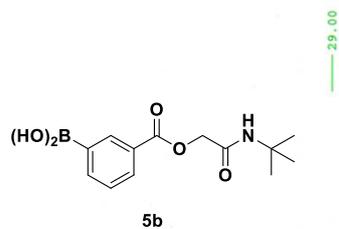


Figure S35. The ^{11}B NMR spectrum of **5b** in CD_3OD

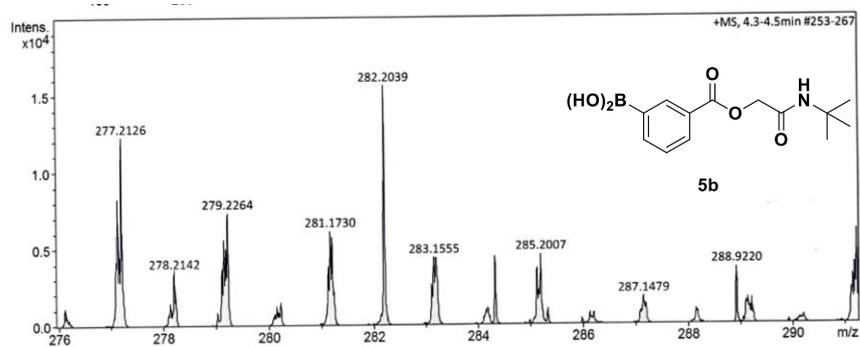


Figure S36. The HRMS (ESI^+) of spectrum of **5b**

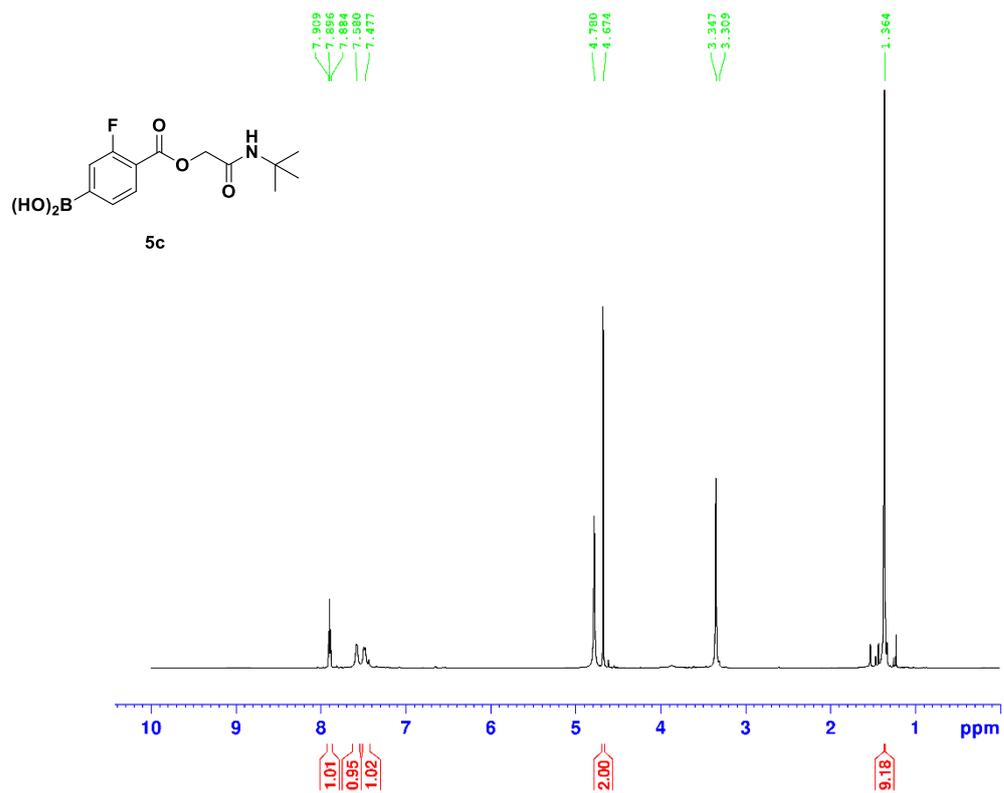


Figure S37. The ^1H NMR spectrum of **5c** in CD_3OD

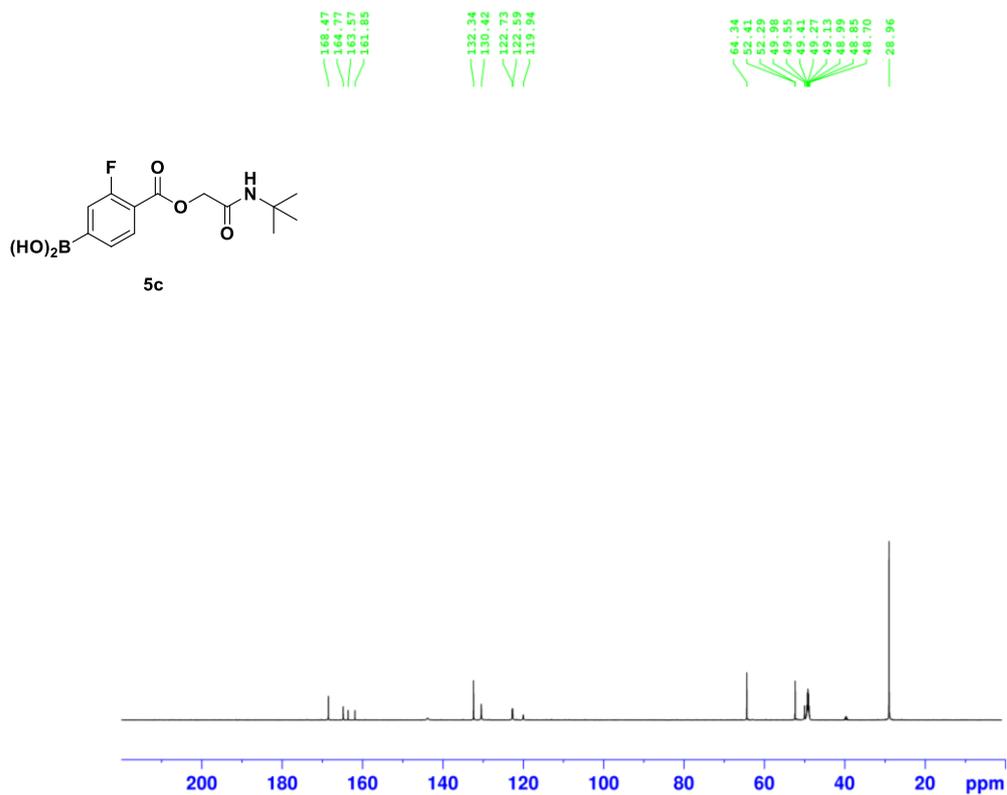
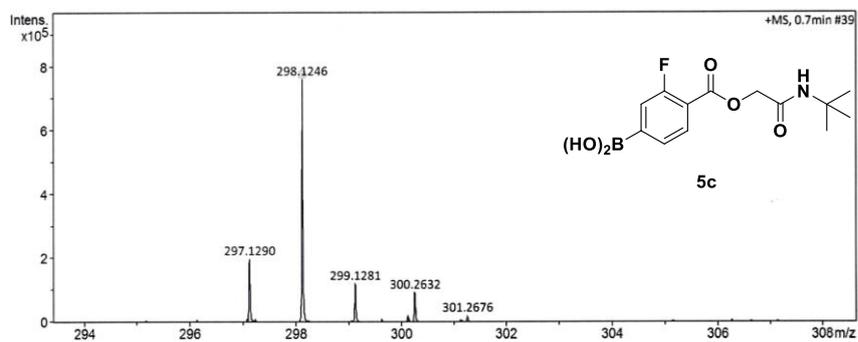
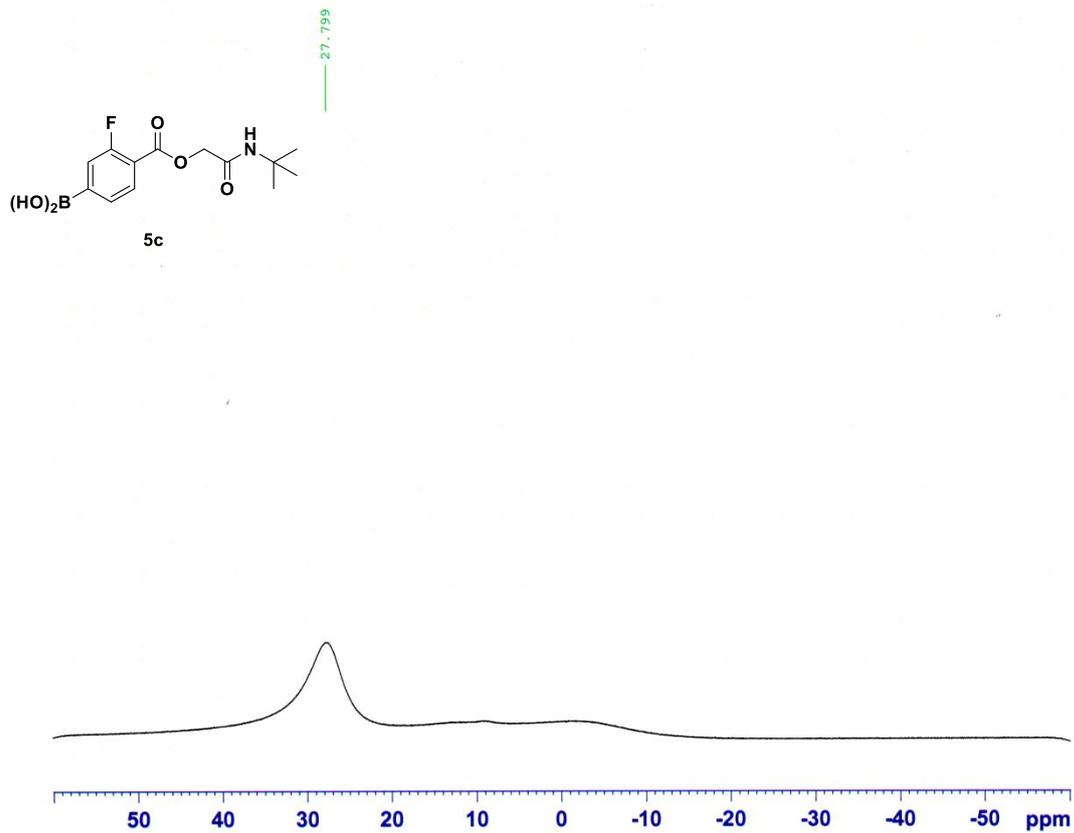


Figure S38. The ^{13}C NMR spectrum of **5c** in CD_3OD



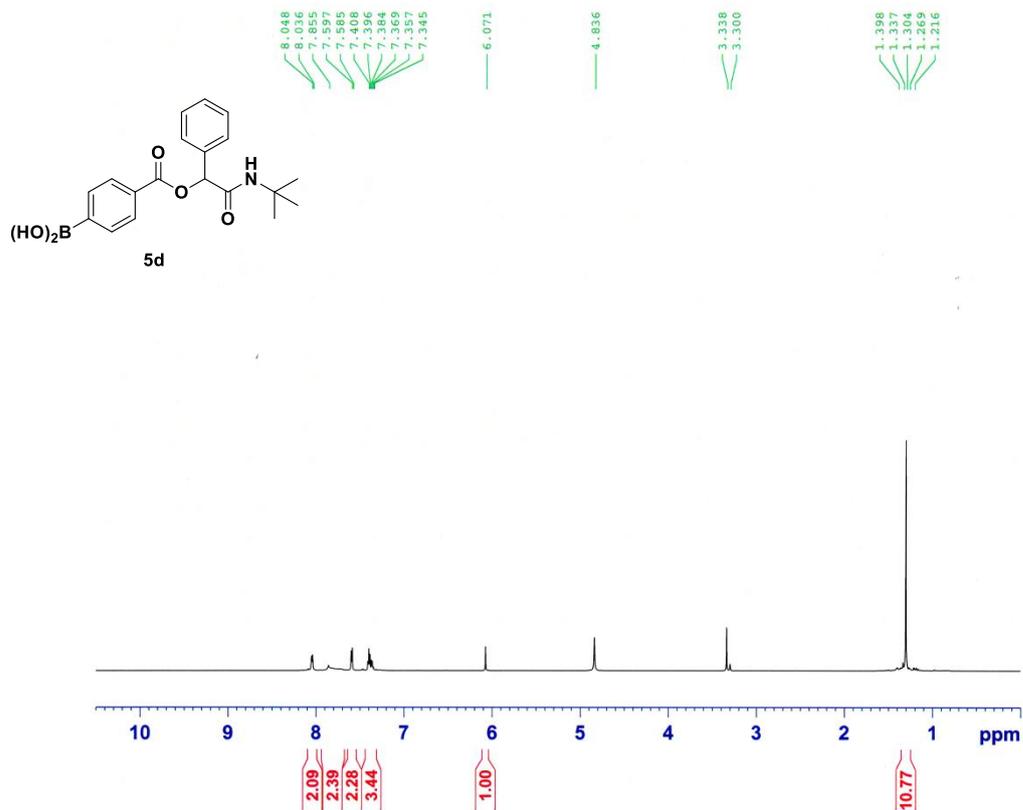


Figure S41. The ^1H NMR spectrum of **5d** in CD_3OD

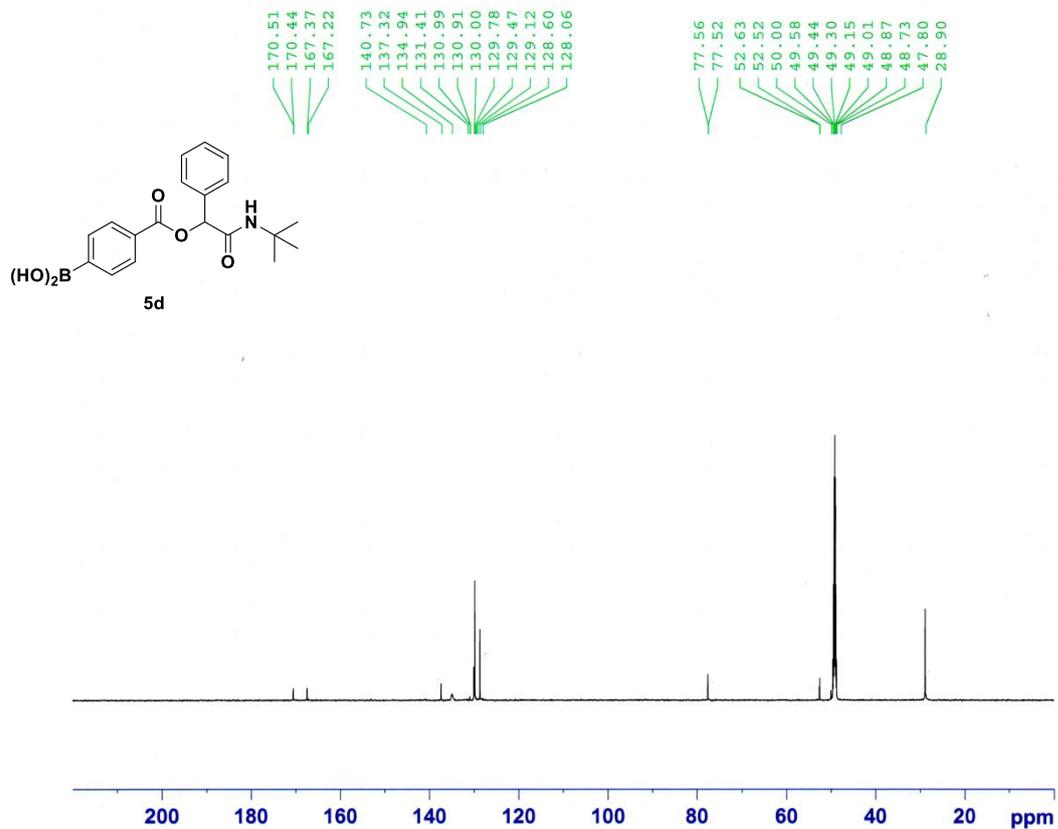


Figure S42. The ^{13}C NMR spectrum of **5d** in CD_3OD

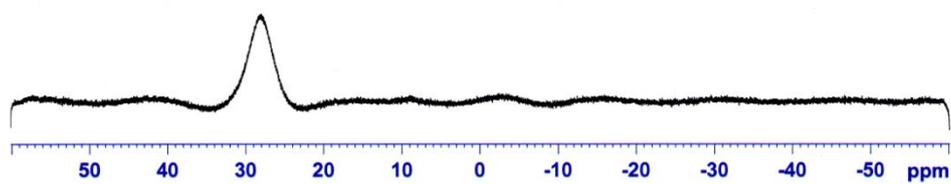
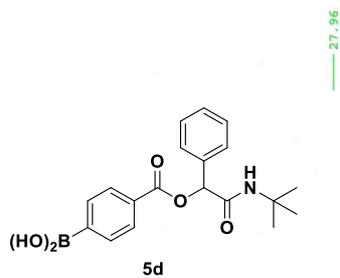


Figure S43. The ^{11}B NMR spectrum of **5d** in CD_3OD

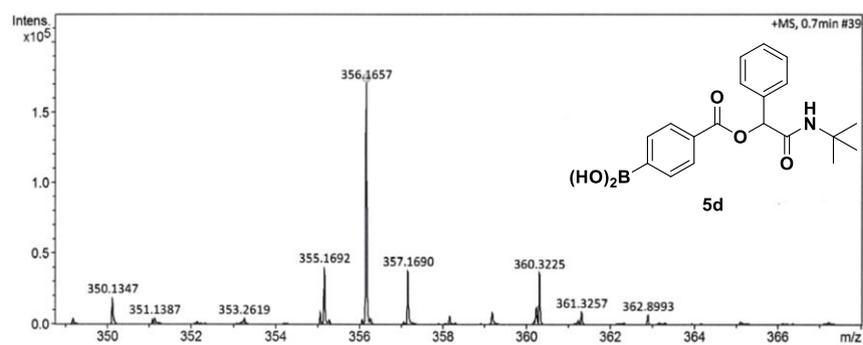


Figure S44. The HRMS (ESI⁺) of spectrum of **5d**

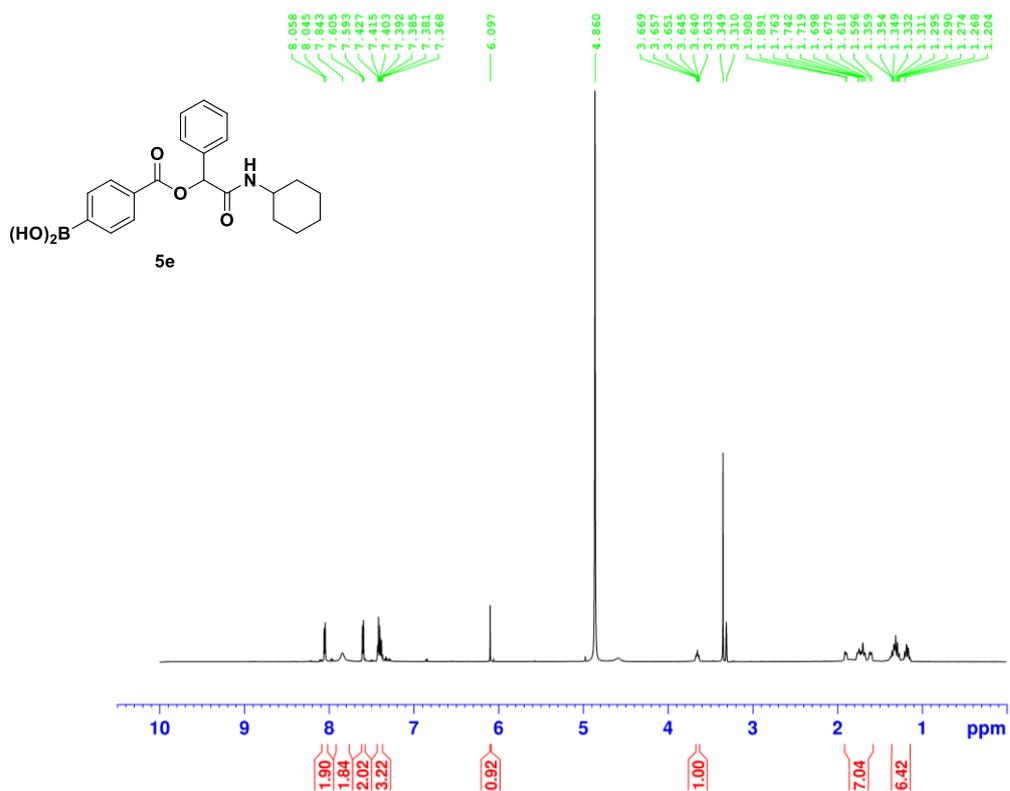


Figure S45. The ¹H NMR spectrum of **5e** in CD₃OD

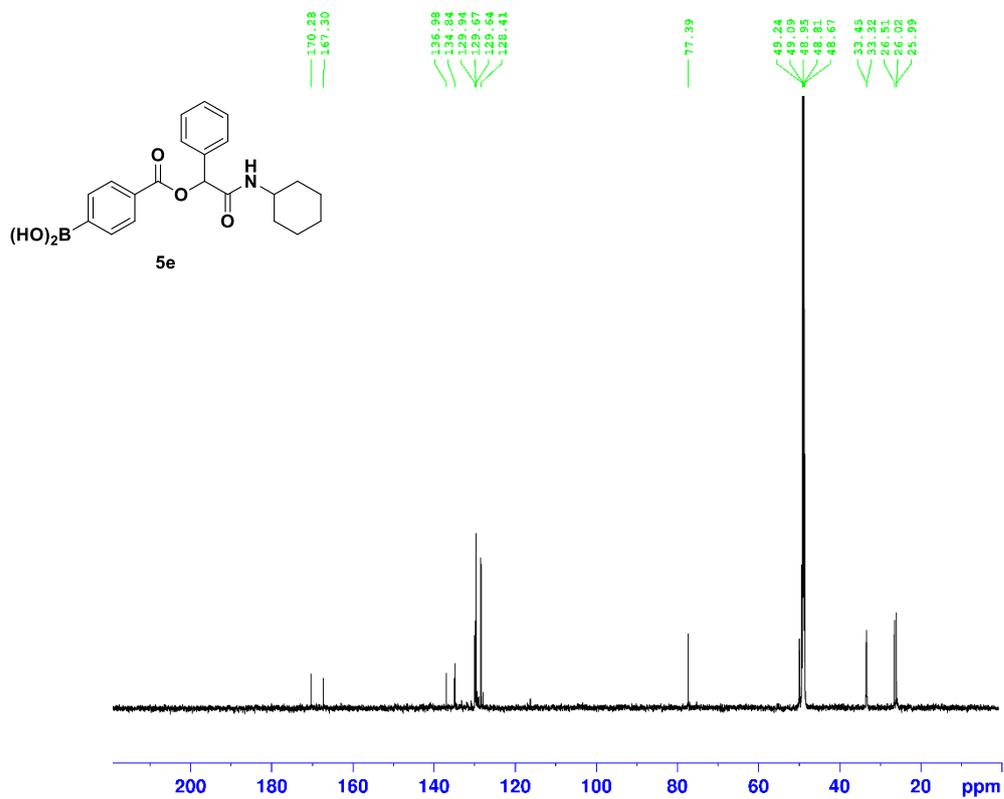


Figure S46. The ¹³C NMR spectrum of **5e** in CD₃OD

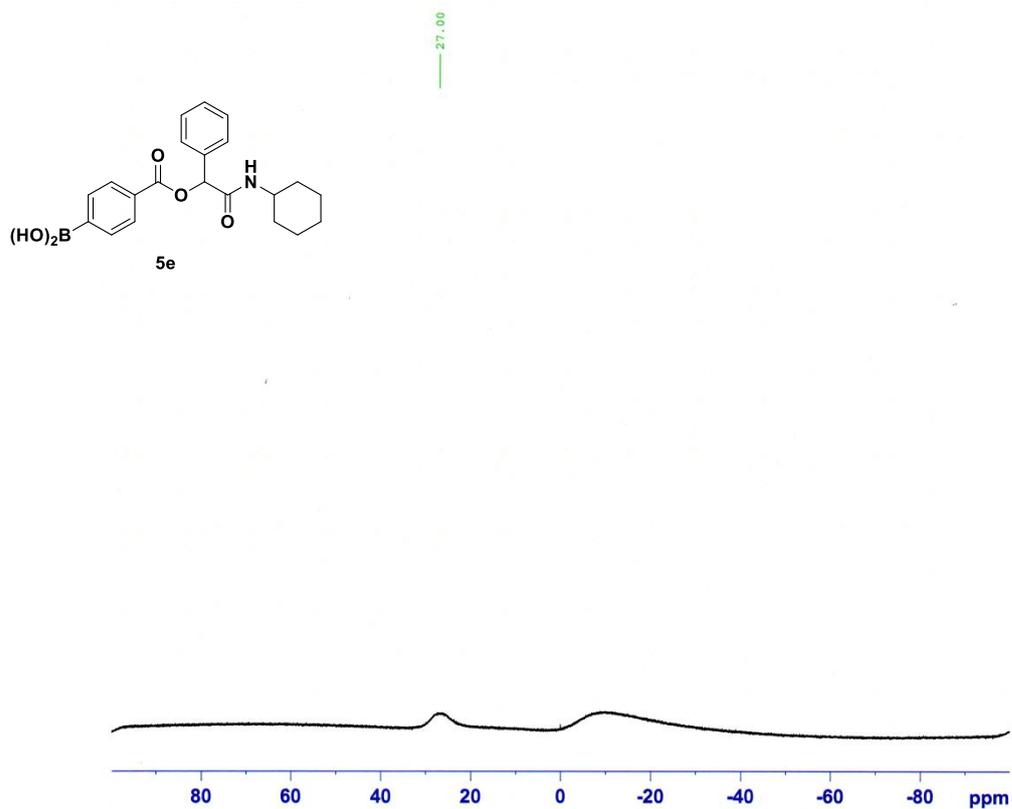


Figure S47. The ^{11}B NMR spectrum of **5e** in CD_3OD

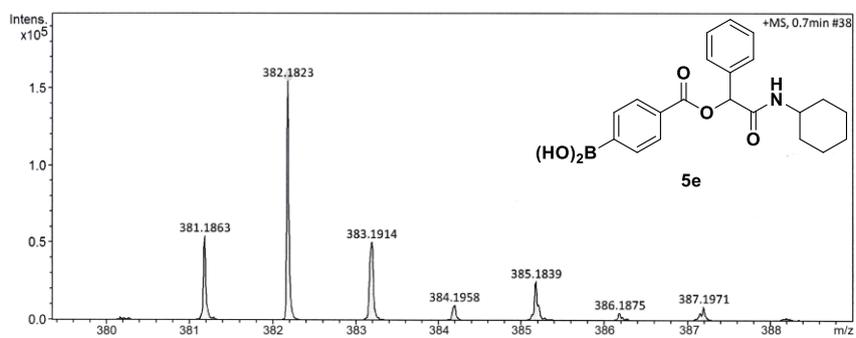


Figure S48. The HRMS (ESI⁺) of spectrum of **5e**

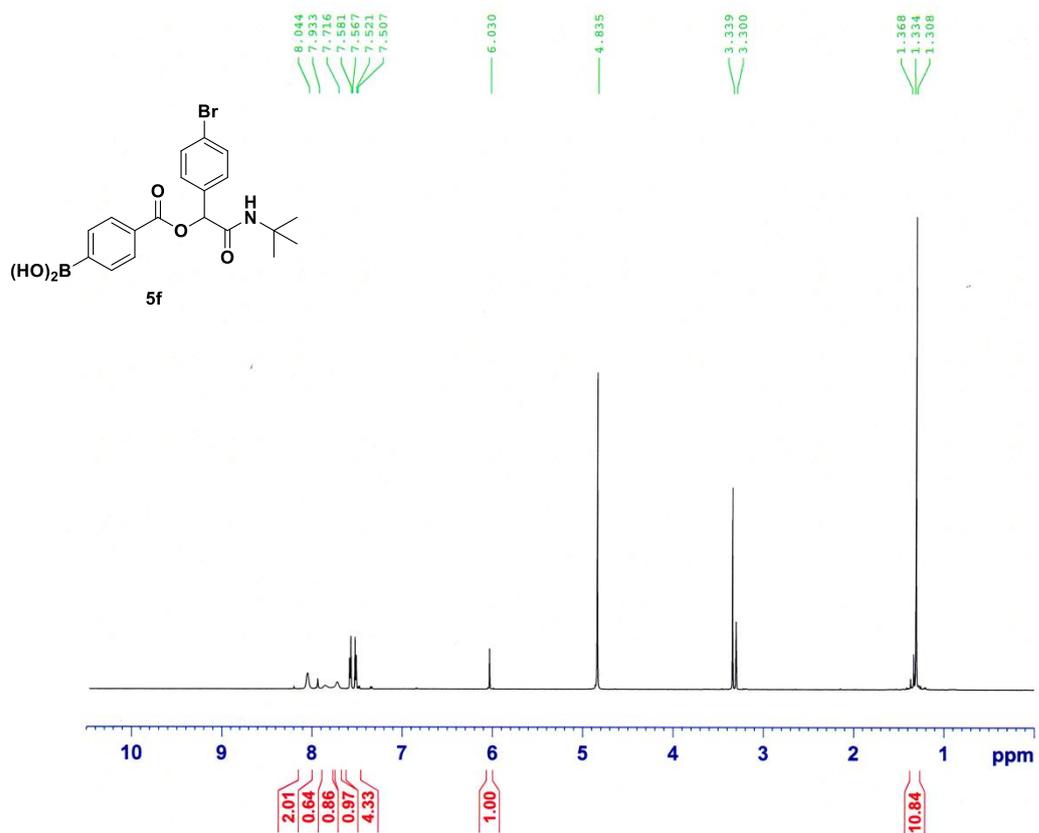


Figure S49. The ¹H NMR spectrum of **5f** in CD₃OD

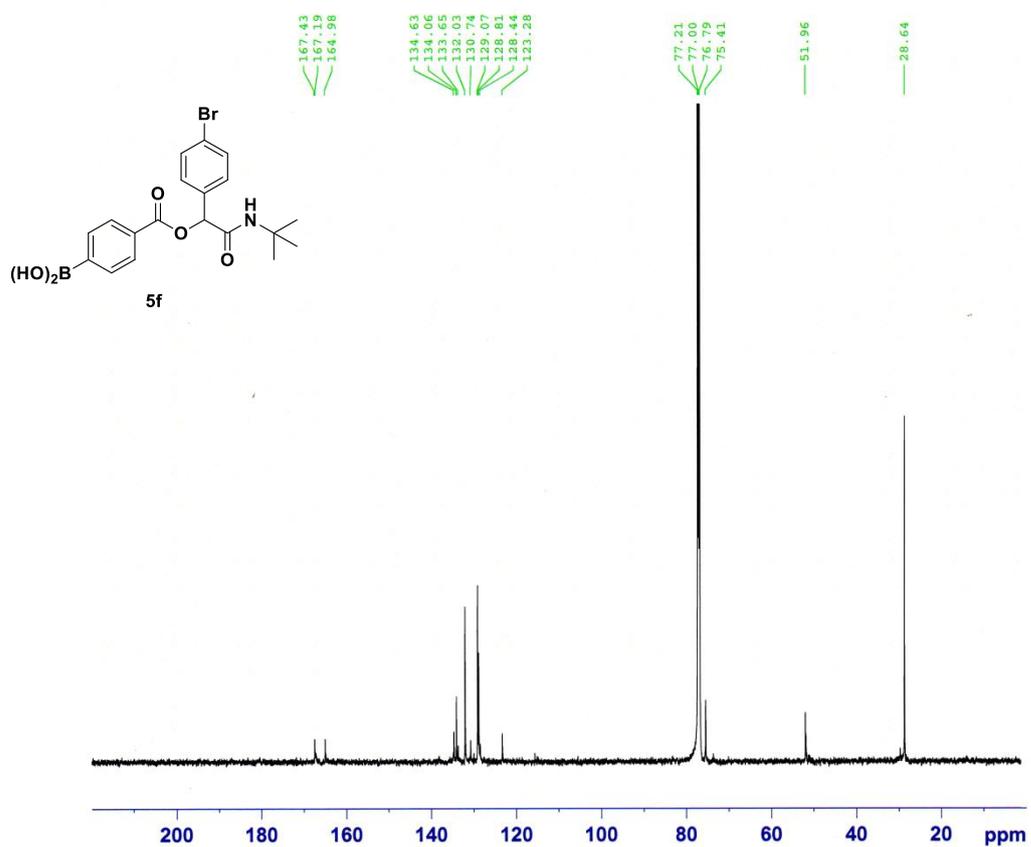


Figure S50. The ¹³C NMR spectrum of **5f** in CDCl₃

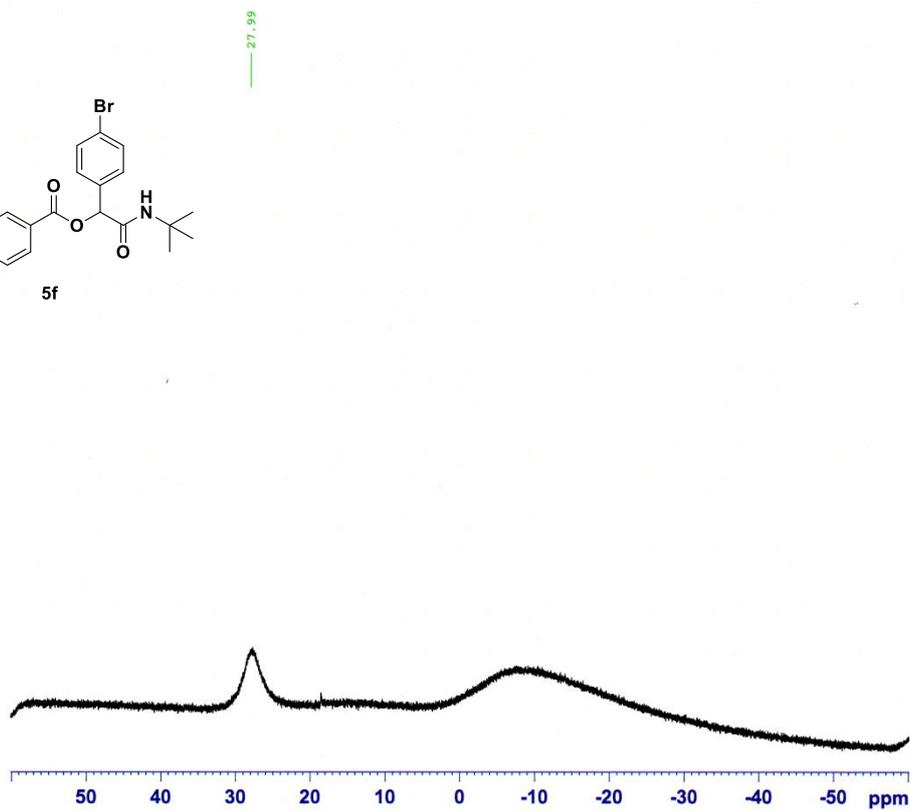
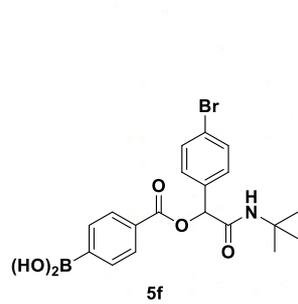


Figure S51. The ^{11}B NMR spectrum of **5f** in CD_3OD

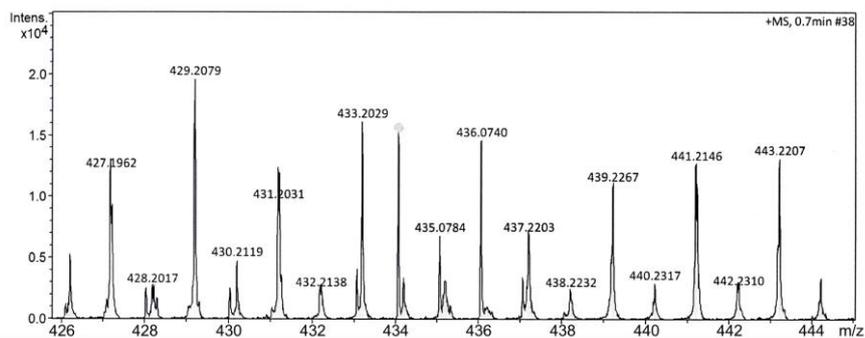
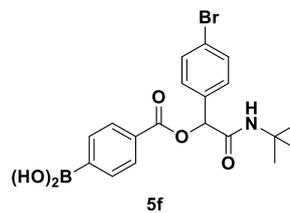


Figure S52. The HRMS (ESI⁺) of spectrum of **5f**

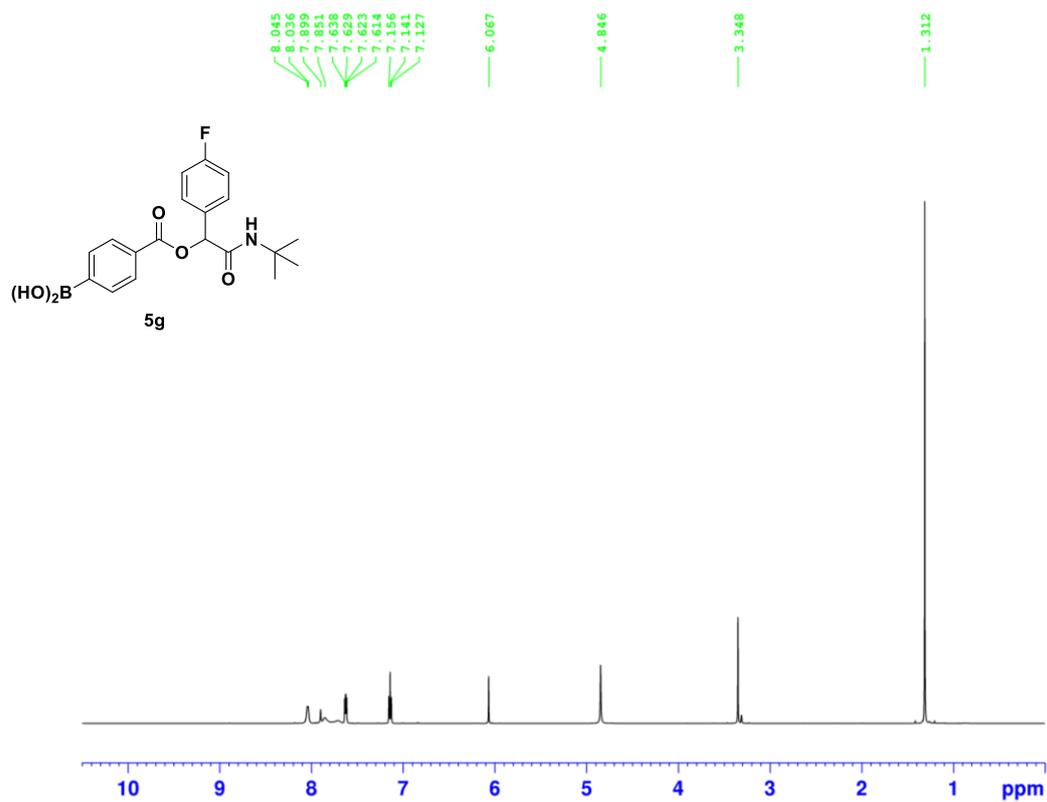


Figure S53. The ¹H NMR spectrum of 5g in CD₃OD

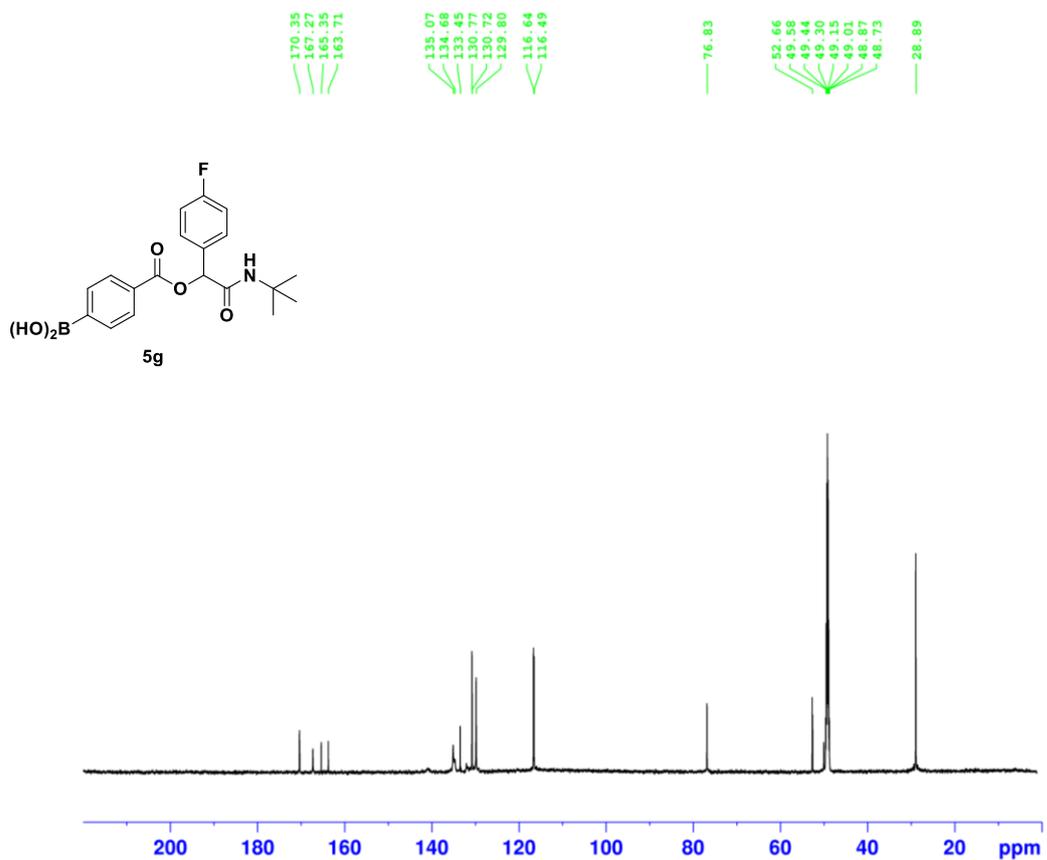


Figure S54. The ¹³C NMR spectrum of 5g in CD₃OD

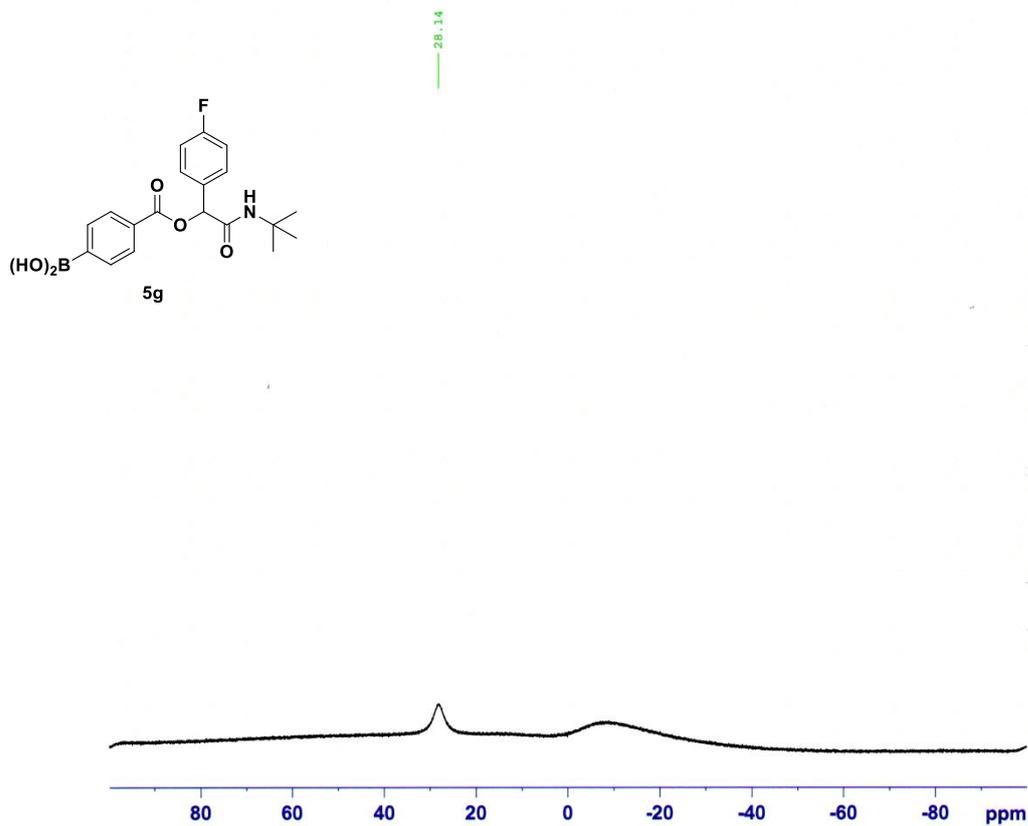


Figure S55. The ^{11}B NMR spectrum of **5g** in CD_3OD

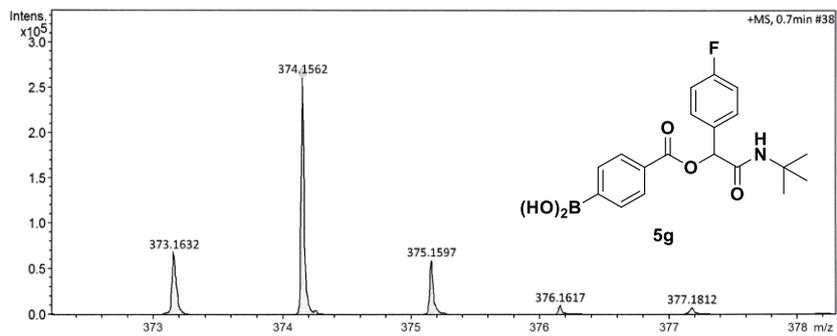


Figure S56. The HRMS (ESI⁺) of spectrum of **5g**

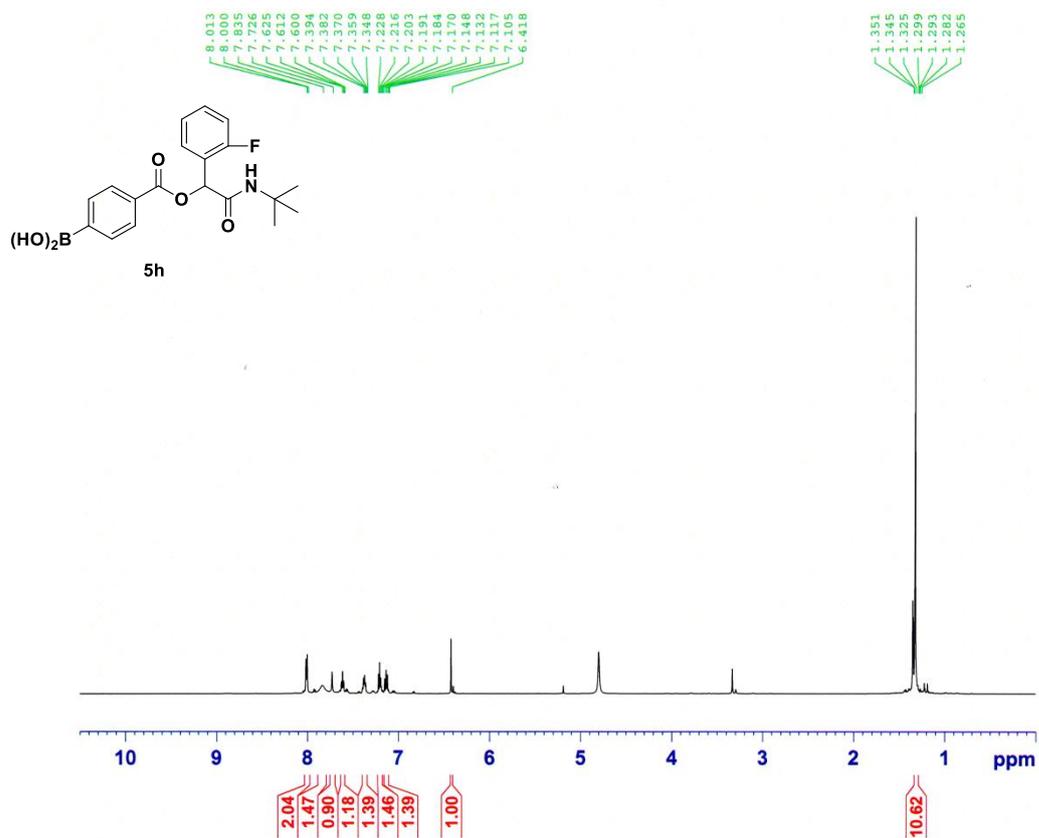


Figure S57. The ^1H NMR spectrum of **5h** in CD_3OD

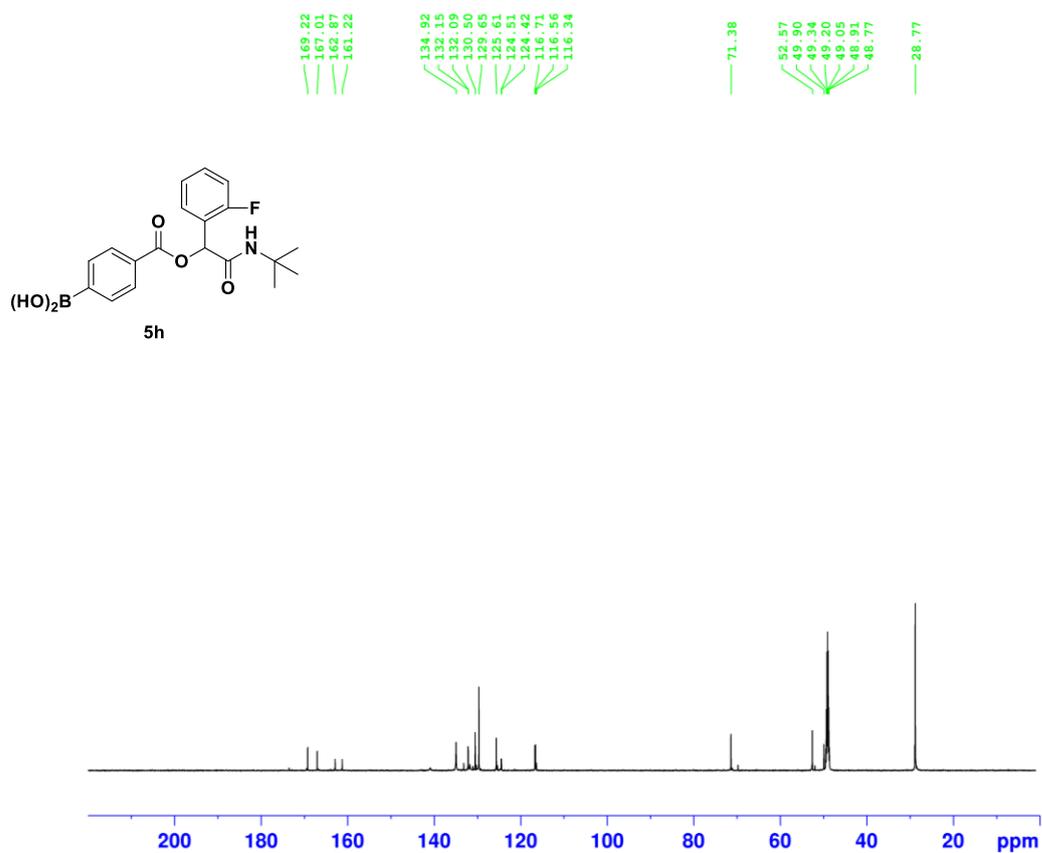


Figure S58. The ^{13}C NMR spectrum of **5h** in CD_3OD

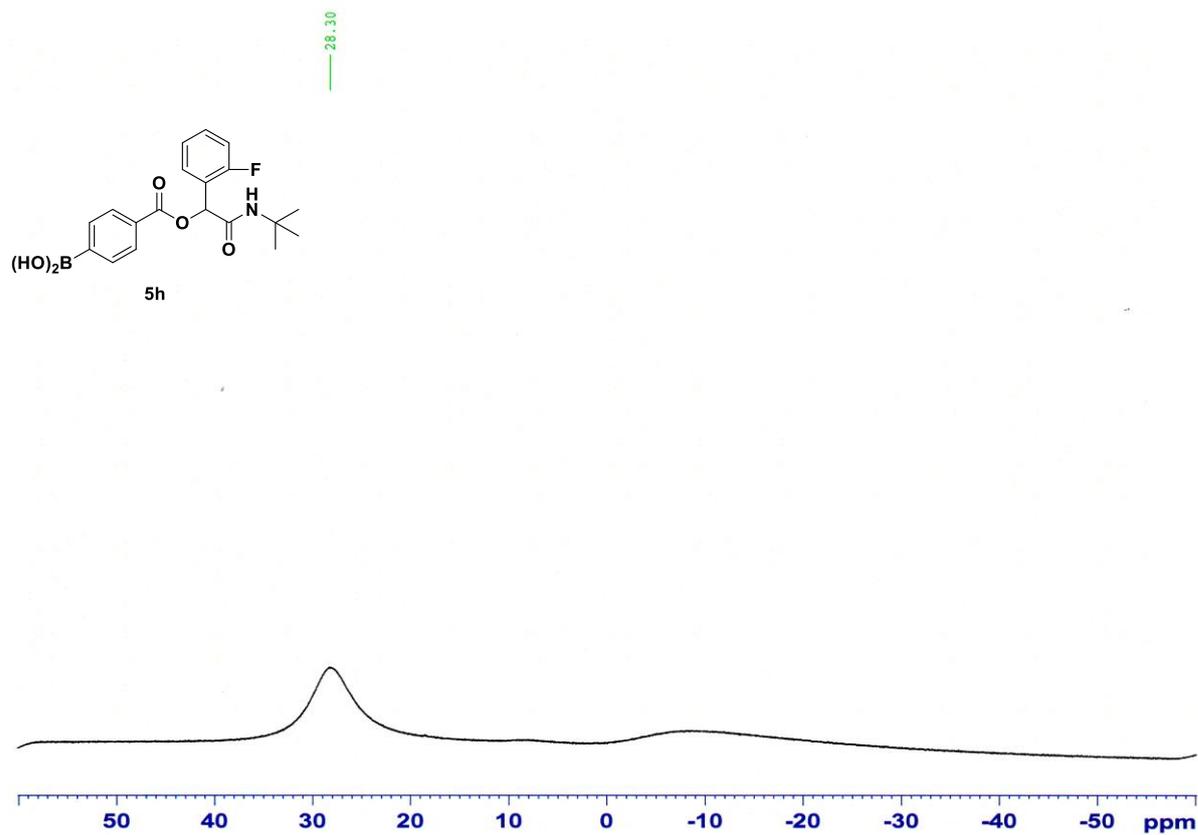


Figure S59. The ^{11}B NMR spectrum of **5h** in CD_3OD

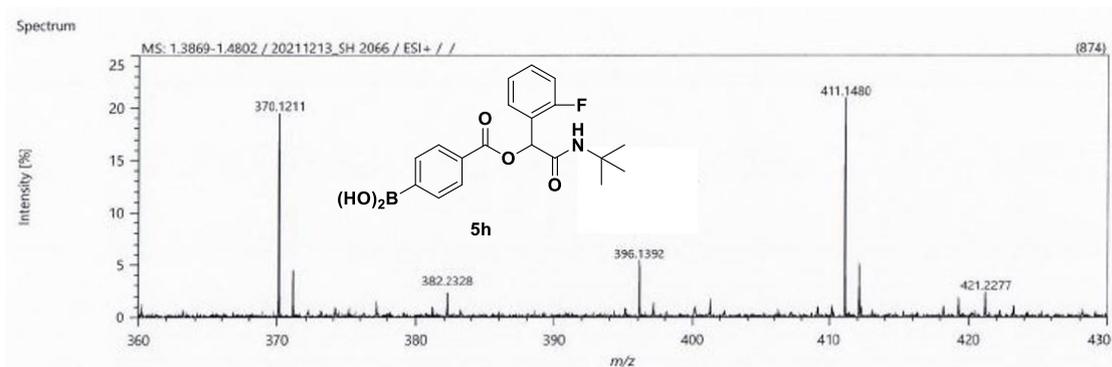


Figure S60. The HRMS (ESI⁺) of spectrum of **5h**

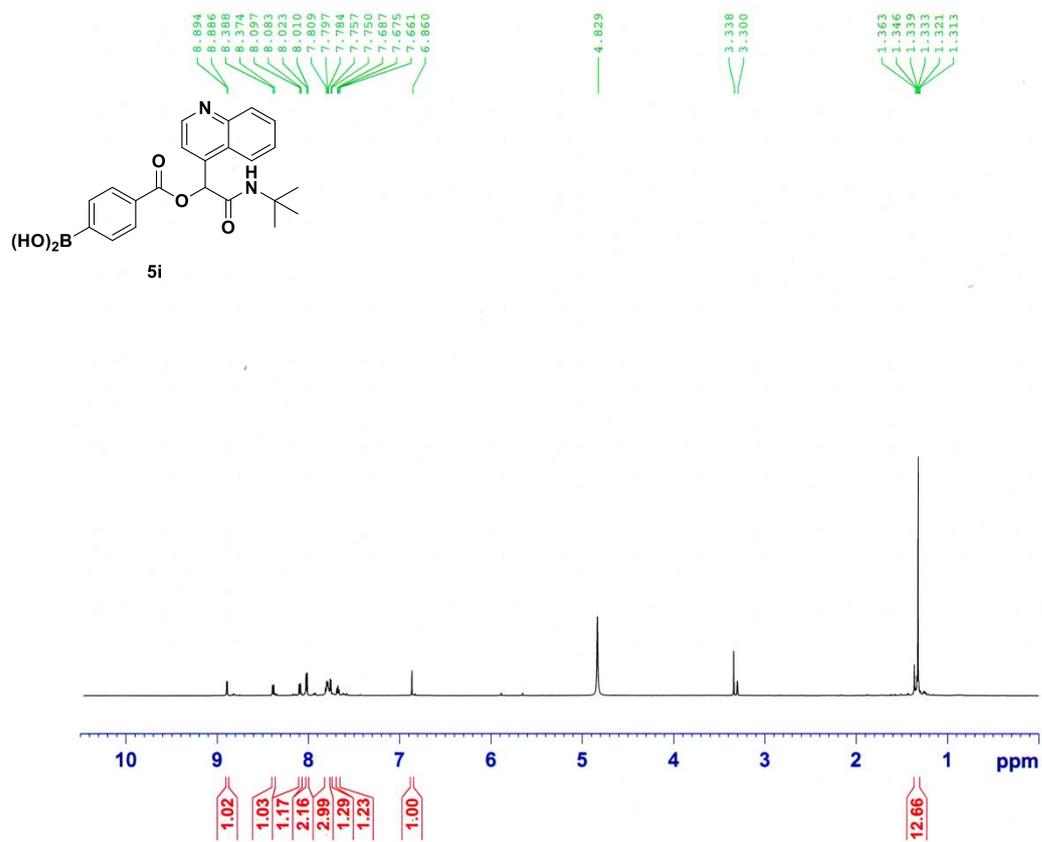


Figure S61. The ^1H NMR spectrum of **5i** in CD_3OD

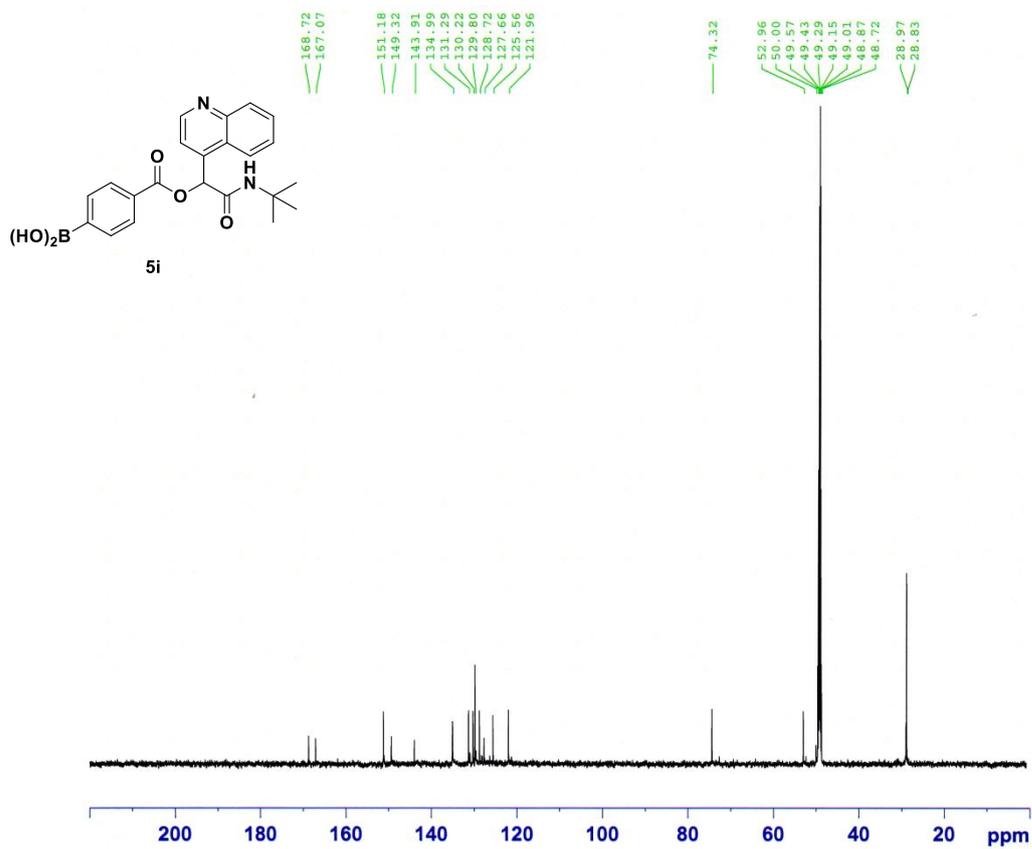


Figure S62. The ^{13}C NMR spectrum of **5i** in CD_3OD

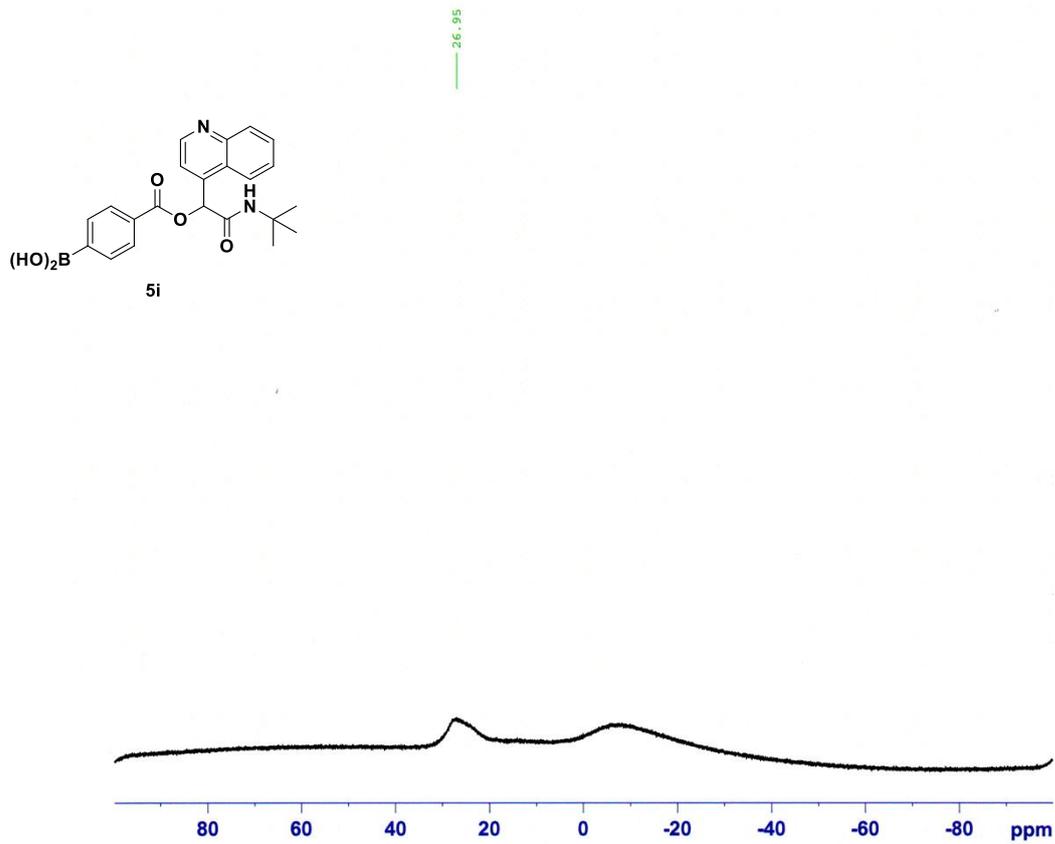


Figure S63. The ^{11}B NMR spectrum of **5i** in CD_3OD

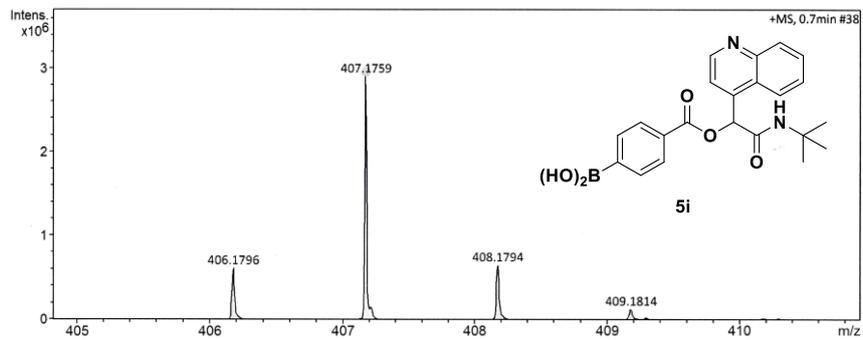


Figure S64. The HRMS (ESI⁺) of spectrum of **5i**

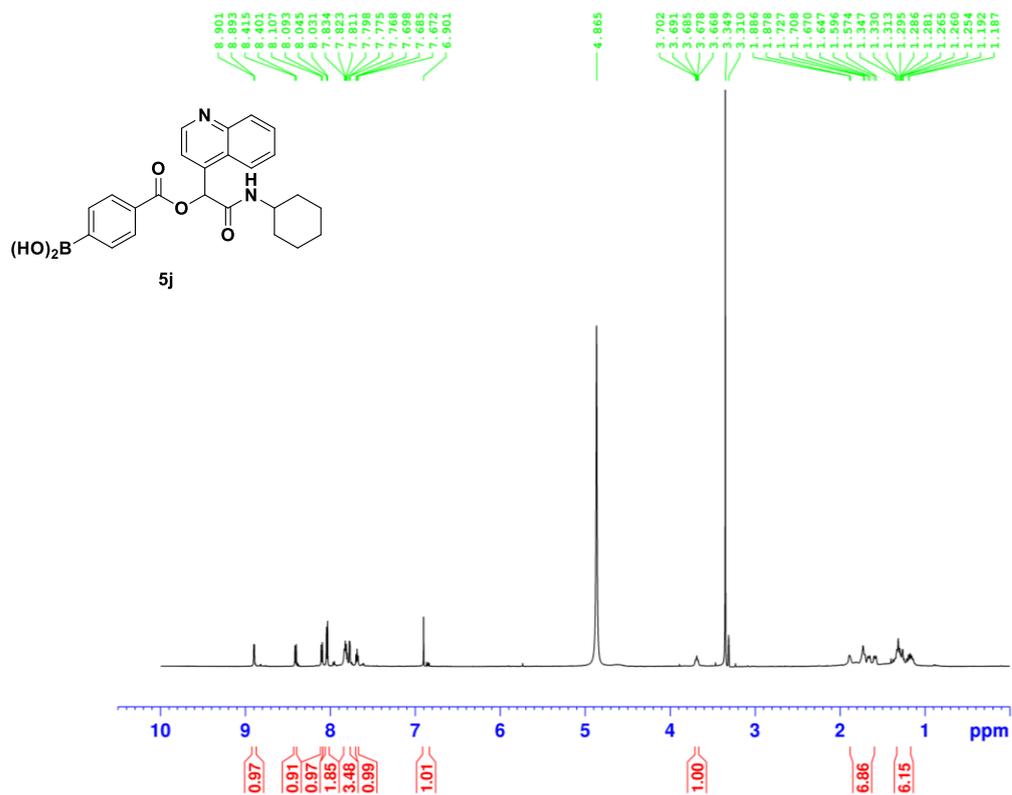


Figure S65. The ^1H NMR spectrum of **5j** in CD_3OD

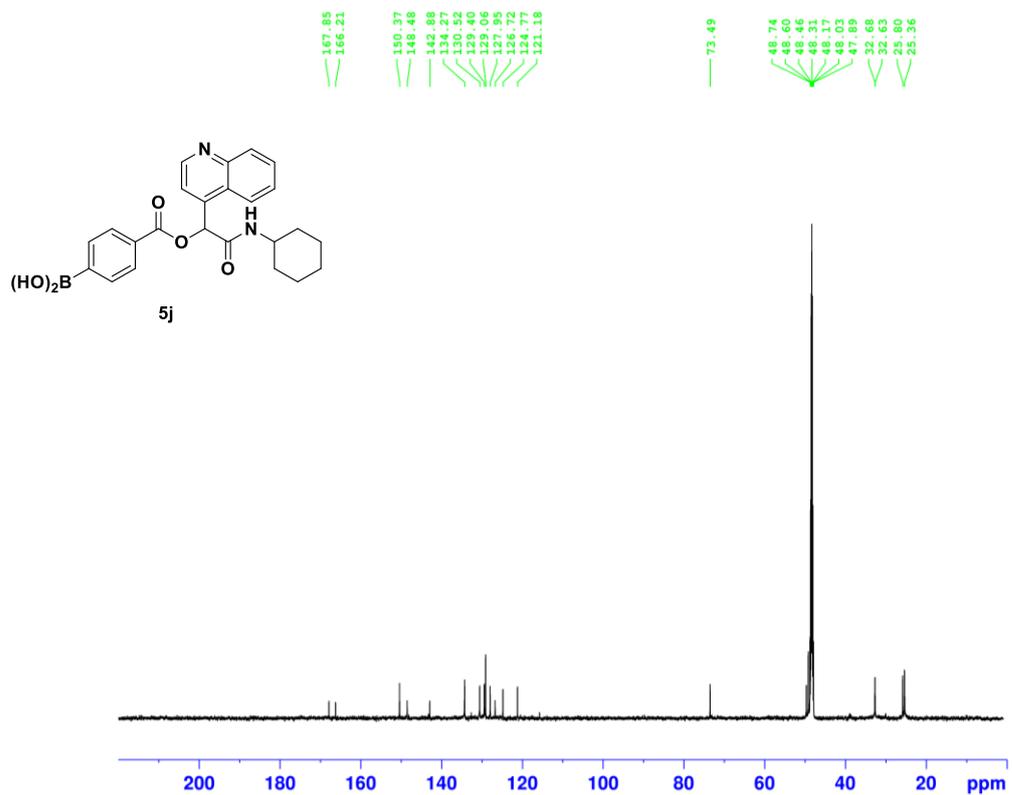


Figure S66. The ^{13}C NMR spectrum of **5j** in CD_3OD

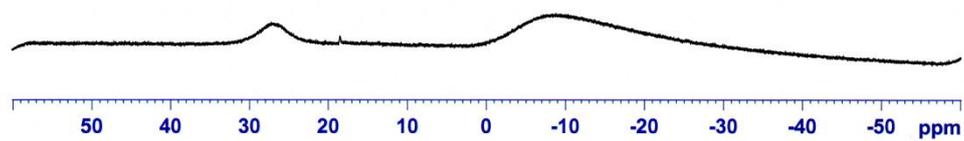
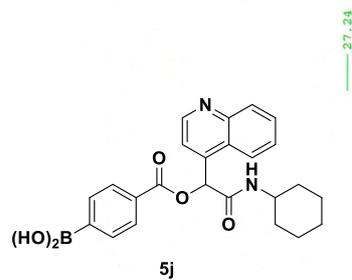


Figure S67. The ^{11}B NMR spectrum of **5j** in CD_3OD

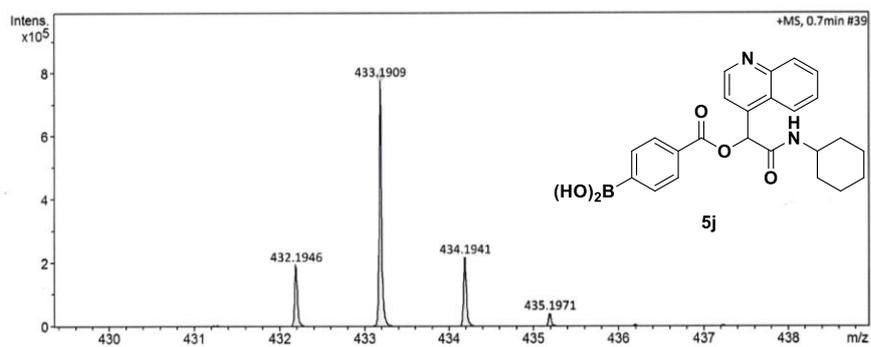


Figure S68. The HRMS (ESI^+) of spectrum of **5j**

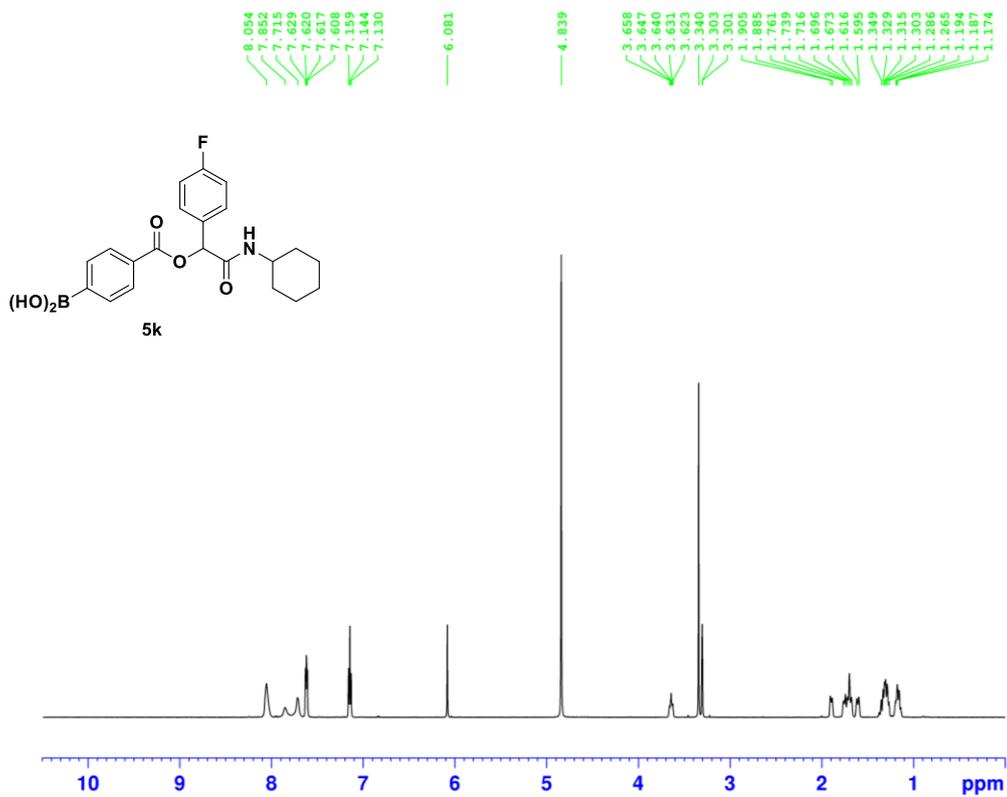


Figure S69. The ¹H NMR spectrum of 5k in CD₃OD

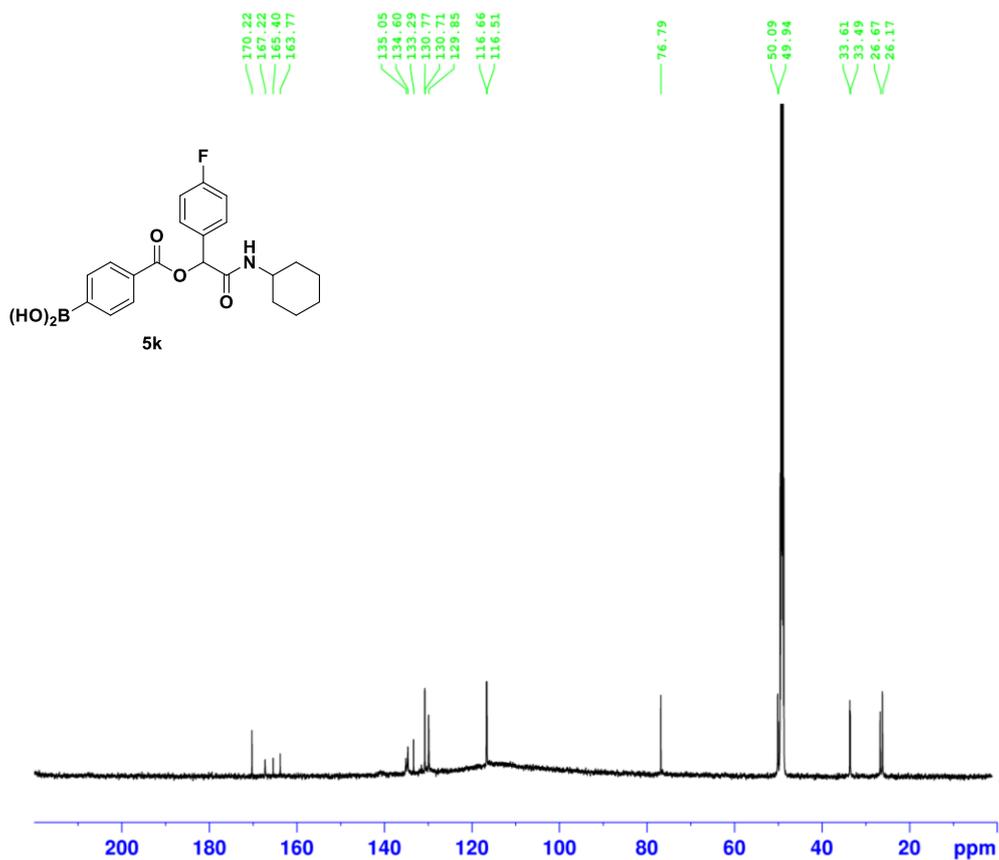


Figure S70. The ¹³C NMR spectrum of 5k in CD₃OD

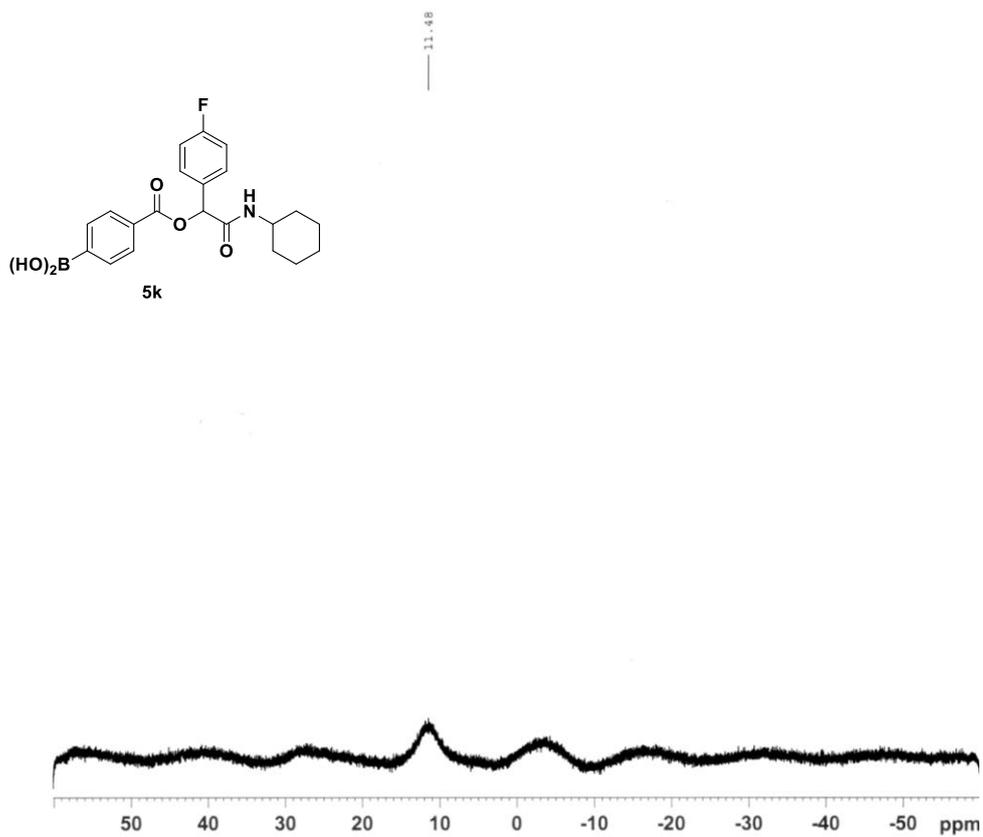


Figure S71. The ^{11}B NMR spectrum of **5k** in CD_3OD

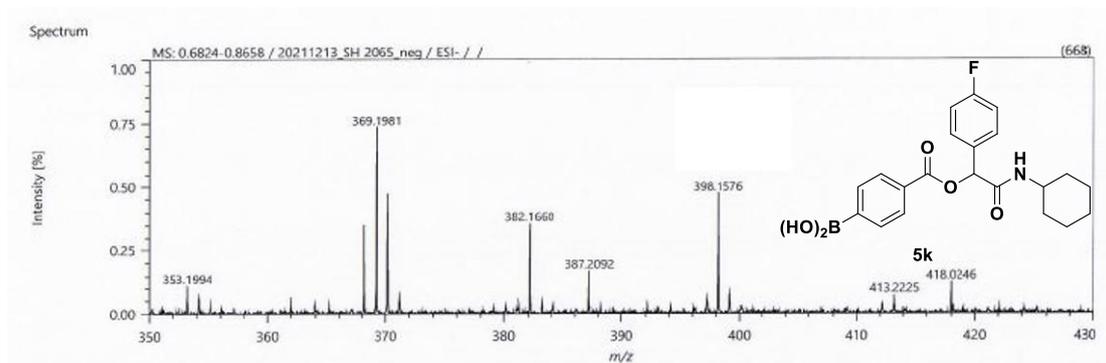


Figure S72. The HRMS (ESI) of spectrum of **5k**

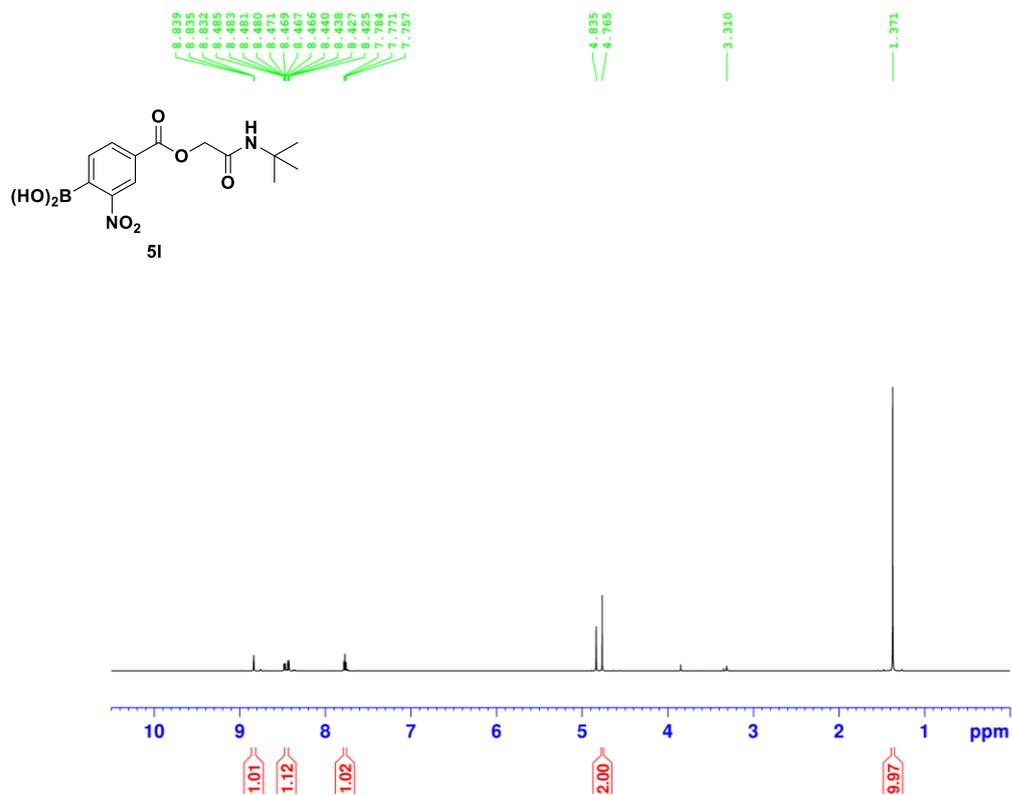


Figure S73. The ¹H NMR spectrum of **5l** in CD₃OD

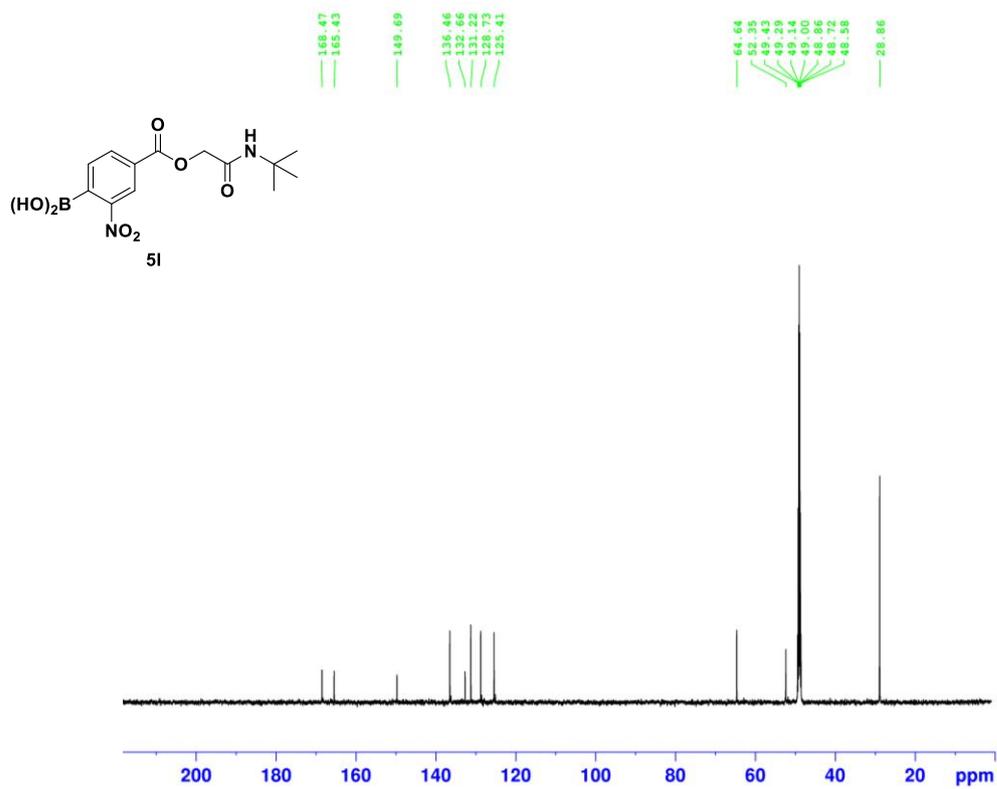


Figure S74. The ¹³C NMR spectrum of **5l** in CD₃OD

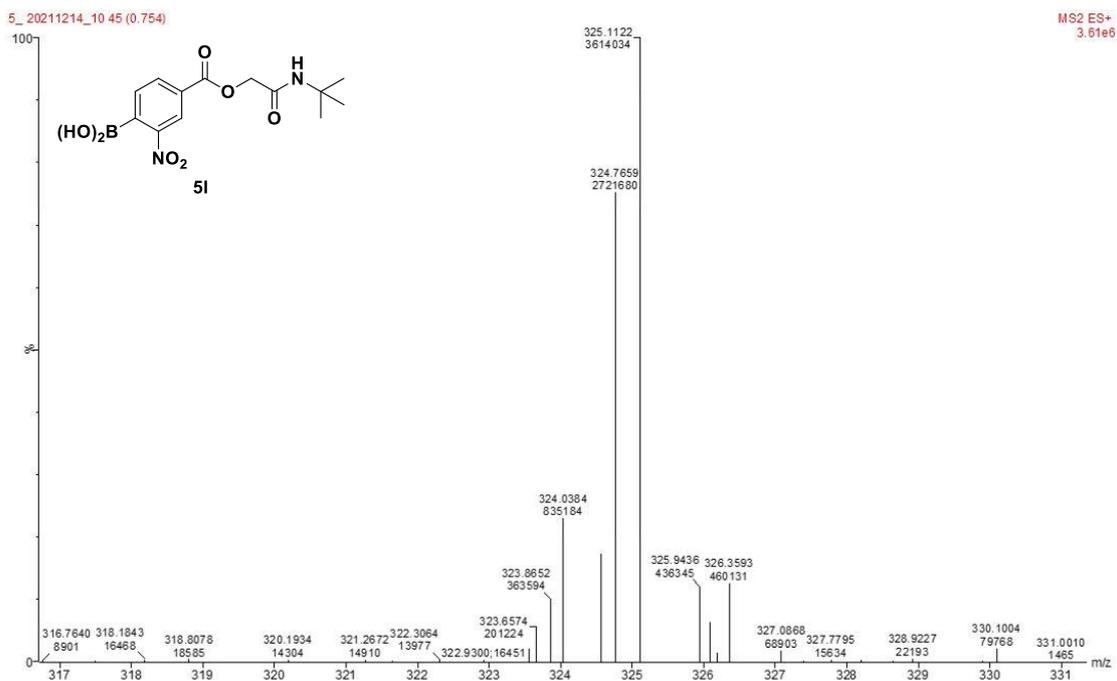


Figure S75. The HRMS (ESI⁺) of spectrum of 5l

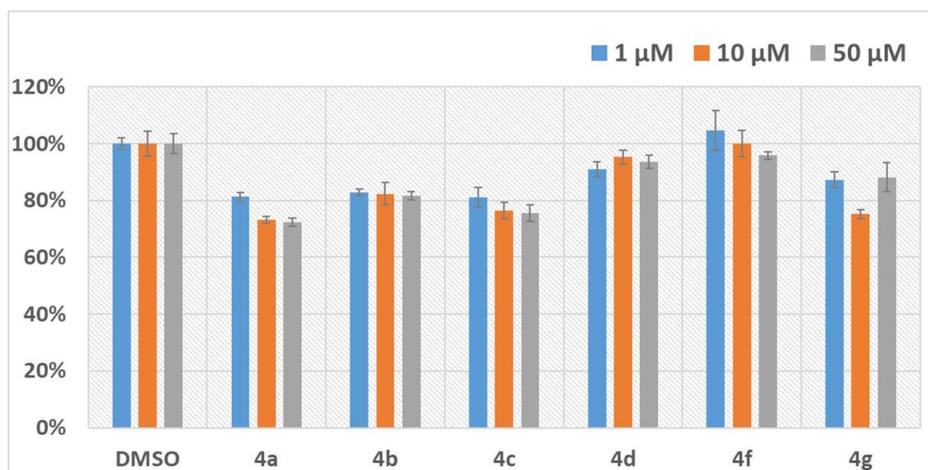


Figure S76. The cytotoxicity of the compounds 4a-4d, 4f and 4g in HEK-293 cells.

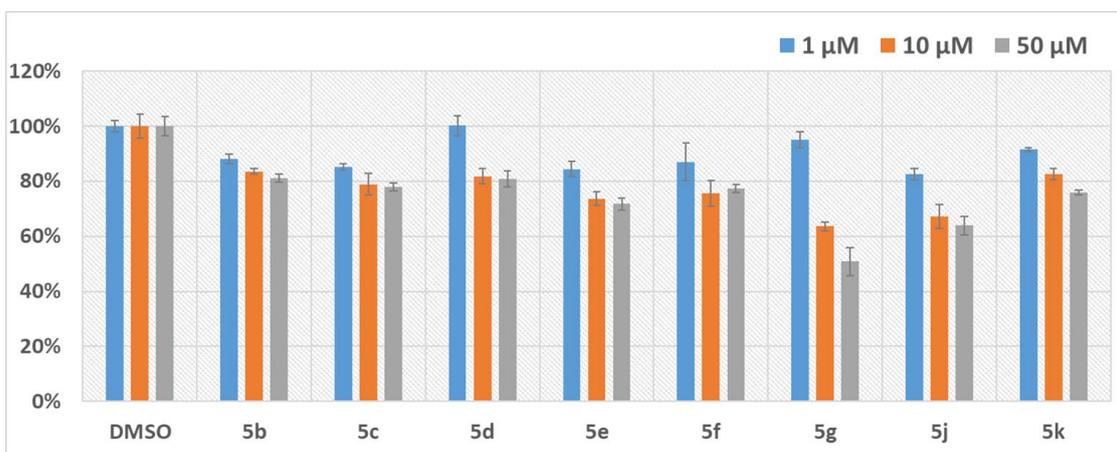


Figure S77. The cytotoxicity of the compounds 5b-5g, 5j and 5k in HEK-293 cells.